

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071288.D
 Acq On : 15 Mar 2022 13:39
 Operator : JC\MD
 Sample : VN0315MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 15 18:58:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	535296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	867680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	775394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	321265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	426276	58.104	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.200%			
35) Dibromofluoromethane	8.016	113	315234	57.573	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.140%			
50) Toluene-d8	10.439	98	1226349	55.628	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.260%			
62) 4-Bromofluorobenzene	12.727	95	418930	56.118	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	113513	19.349	ug/l	94
3) Chloromethane	2.299	50	158121	20.055	ug/l	100
4) Vinyl Chloride	2.440	62	144478	20.095	ug/l	95
5) Bromomethane	2.851	94	85007	23.285	ug/l	100
6) Chloroethane	3.016	64	93532	21.482	ug/l	95
7) Trichlorofluoromethane	3.375	101	193171	20.413	ug/l	98
8) Diethyl Ether	3.828	74	87218	21.538	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	114403	20.883	ug/l	95
10) Methyl Iodide	4.422	142	145342	18.784	ug/l	99
11) Tert butyl alcohol	5.363	59	147781	102.539	ug/l	98
12) 1,1-Dichloroethene	4.187	96	106880	19.916	ug/l	90
13) Acrolein	4.040	56	78410	51.401	ug/l	98
14) Allyl chloride	4.840	41	236097	20.228	ug/l	87
15) Acrylonitrile	5.545	53	458767	107.203	ug/l	99
16) Acetone	4.281	43	383332	107.386	ug/l	98
17) Carbon Disulfide	4.528	76	275599	18.039	ug/l	96
18) Methyl Acetate	4.845	43	232651	24.509	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	449448	22.306	ug/l	93
20) Methylene Chloride	5.098	84	140341	21.728	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	119436	20.347	ug/l	91
22) Diisopropyl ether	6.492	45	501007	21.788	ug/l	95
23) Vinyl Acetate	6.428	43	2185849	112.284	ug/l	99
24) 1,1-Dichloroethane	6.381	63	253663	20.876	ug/l	98
25) 2-Butanone	7.328	43	622943	108.332	ug/l	95
26) 2,2-Dichloropropane	7.322	77	201992	21.548	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	144091	20.683	ug/l	89
28) Bromochloromethane	7.651	49	122238	22.591	ug/l	83
29) Tetrahydrofuran	7.675	42	427366	107.279	ug/l	92
30) Chloroform	7.816	83	249504	21.529	ug/l	99
31) Cyclohexane	8.092	56	236660	20.200	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	208896	21.161	ug/l	96
36) 1,1-Dichloropropene	8.222	75	180145	20.535	ug/l	96
37) Ethyl Acetate	7.404	43	249654	20.678	ug/l	99
38) Carbon Tetrachloride	8.204	117	179398	21.142	ug/l	97
39) Methylcyclohexane	9.457	83	212136	20.555	ug/l	91
40) Benzene	8.457	78	558621	21.135	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	117359	19.863	ug/l	95
42) 1,2-Dichloroethane	8.528	62	209053	22.729	ug/l	98
43) Isopropyl Acetate	8.557	43	437200	24.215	ug/l #	92
44) Trichloroethene	9.210	130	131332	21.059	ug/l	93
45) 1,2-Dichloropropane	9.486	63	153020	21.566	ug/l	99
46) Dibromomethane	9.575	93	96516	22.101	ug/l	97
47) Bromodichloromethane	9.757	83	196177	22.228	ug/l	97
48) Methyl methacrylate	9.557	41	178763	21.365	ug/l #	85
49) 1,4-Dioxane	9.563	88	61880	425.483	ug/l #	82
51) 4-Methyl-2-Pentanone	10.327	43	1239566	110.627	ug/l	99
52) Toluene	10.498	92	345599	21.234	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	213340	21.929	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	230834	21.715	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	142330	21.823	ug/l	97
56) Ethyl methacrylate	10.757	69	230968	21.685	ug/l	92
57) 1,3-Dichloropropane	11.039	76	257913	22.031	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	309003	150.564	ug/l	93
59) 2-Hexanone	11.080	43	895905	117.185	ug/l	100
60) Dibromochloromethane	11.233	129	144708	22.331	ug/l	99
61) 1,2-Dibromoethane	11.339	107	143275	21.494	ug/l	98
64) Tetrachloroethene	10.974	164	113591	21.005	ug/l	96
65) Chlorobenzene	11.763	112	361756	21.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	137528	22.524	ug/l	99
67) Ethyl Benzene	11.839	91	645586	21.927	ug/l	97
68) m/p-Xylenes	11.951	106	490287	45.519	ug/l	98
69) o-Xylene	12.274	106	241433	22.361	ug/l	97
70) Styrene	12.292	104	385230	23.050	ug/l	97
71) Bromoform	12.451	173	109725	23.663	ug/l #	98
73) Isopropylbenzene	12.574	105	613780	19.819	ug/l	100
74) N-amyl acetate	12.386	43	254436	21.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	226138	23.199	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	204401m	24.830	ug/l	
77) Bromobenzene	12.857	156	144809	20.052	ug/l	78
78) n-propylbenzene	12.916	91	678041	20.403	ug/l	97
79) 2-Chlorotoluene	13.004	91	432389	20.269	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	498869	20.705	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	65851	22.158	ug/l	95
82) 4-Chlorotoluene	13.098	91	408270	21.486	ug/l	95
83) tert-Butylbenzene	13.321	119	447793	20.825	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	498263	21.590	ug/l	99
85) sec-Butylbenzene	13.498	105	597431	20.904	ug/l	99
86) p-Isopropyltoluene	13.610	119	481267	21.412	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	248512	21.179	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	240100	20.933	ug/l	97
89) n-Butylbenzene	13.939	91	358754	20.407	ug/l	96
90) Hexachloroethane	14.204	117	89740	20.077	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	242523	21.498	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40975	22.740	ug/l	84
93) 1,2,4-Trichlorobenzene	15.262	180	104518	21.654	ug/l	98
94) Hexachlorobutadiene	15.362	225	67286	21.247	ug/l	97
95) Naphthalene	15.504	128	280660	22.193	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	104102	22.244	ug/l	98

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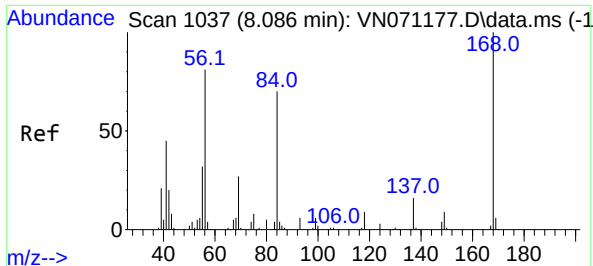
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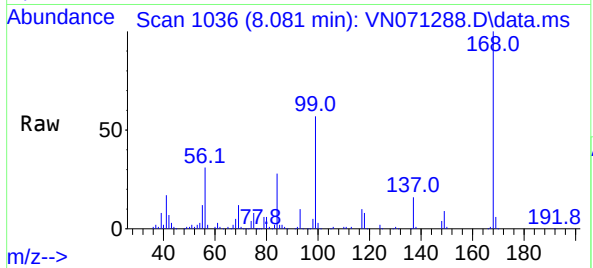
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1037
Delta R.T. -0.005 min
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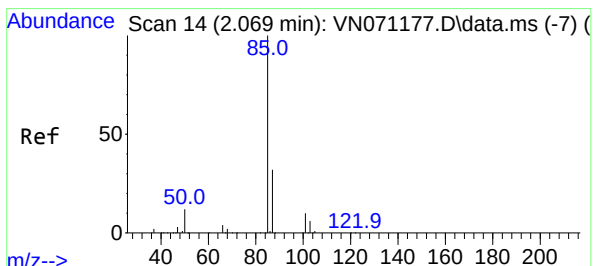
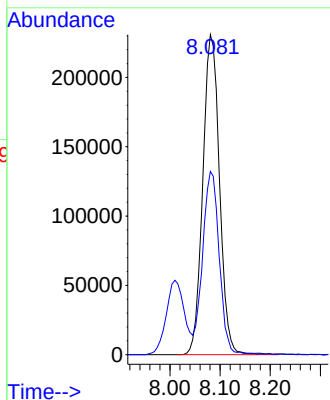
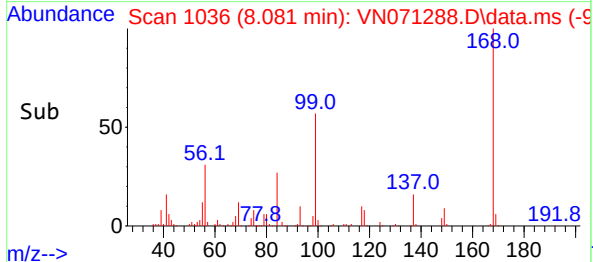
Instrument :
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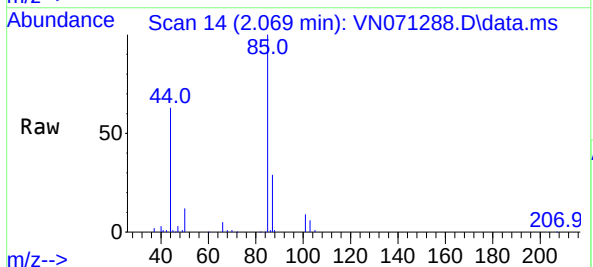
Tgt Ion:168 Resp: 535290
Ion Ratio Lower Upper
168 100
99 57.1 41.3 61.9

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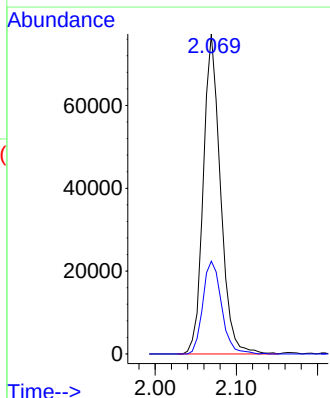
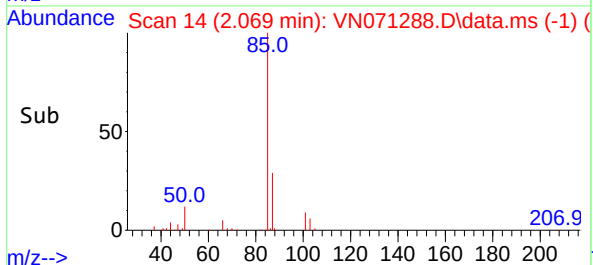
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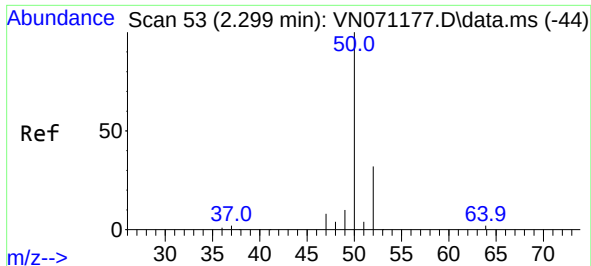


#2
Dichlorodifluoromethane
Concen: 19.349 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



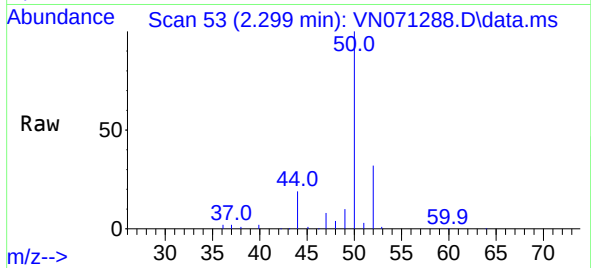
Tgt Ion: 85 Resp: 113513
Ion Ratio Lower Upper
85 100
87 29.0 16.3 48.9





#3
Chloromethane
Concen: 20.055 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

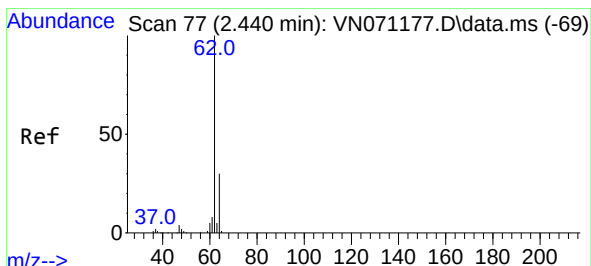
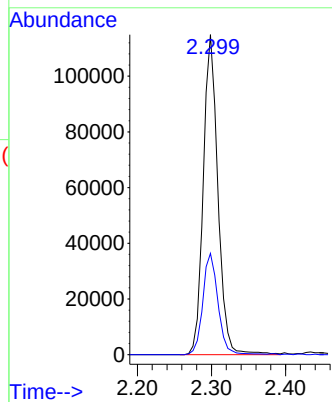
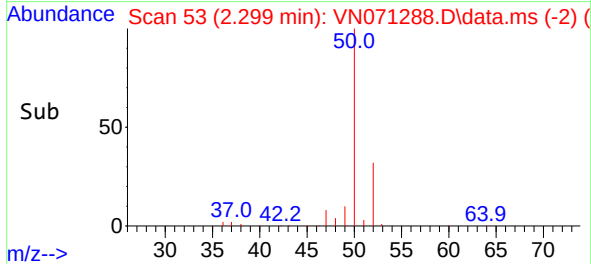
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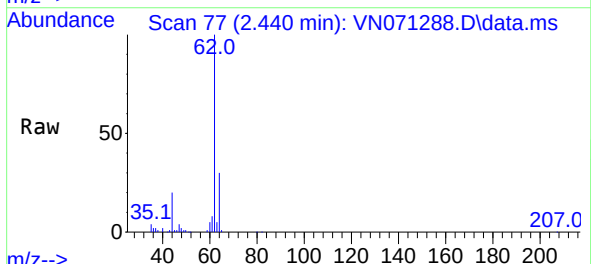
Tgt Ion: 50 Resp: 15812
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

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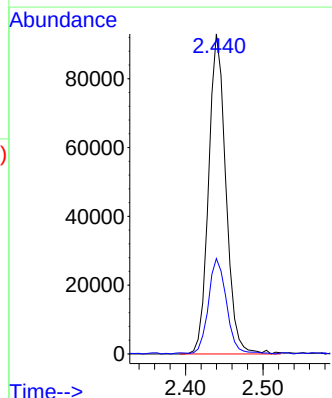
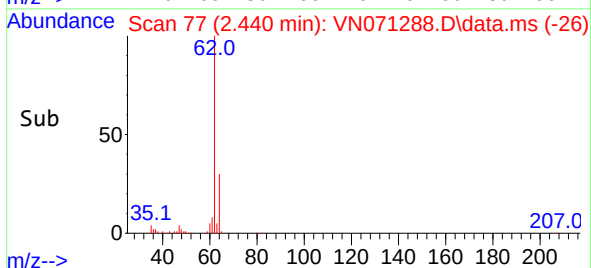
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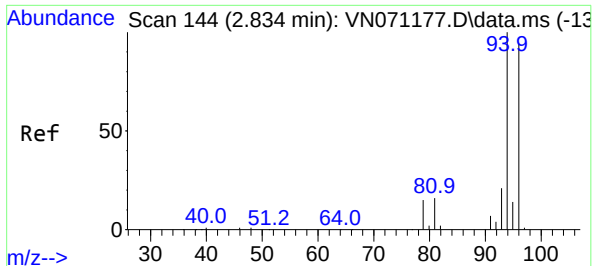


#4
Vinyl Chloride
Concen: 20.095 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



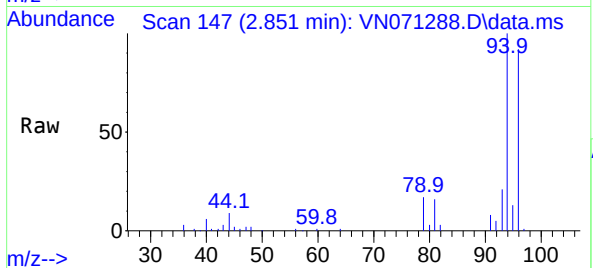
Tgt Ion: 62 Resp: 144478
Ion Ratio Lower Upper
62 100
64 29.5 25.8 38.6





#5
Bromomethane
Concen: 23.285 ug/l
RT: 2.851 min Scan# 144
Delta R.T. 0.017 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

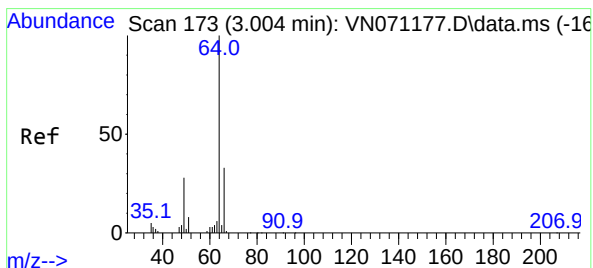
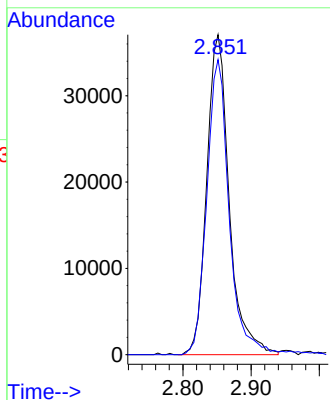
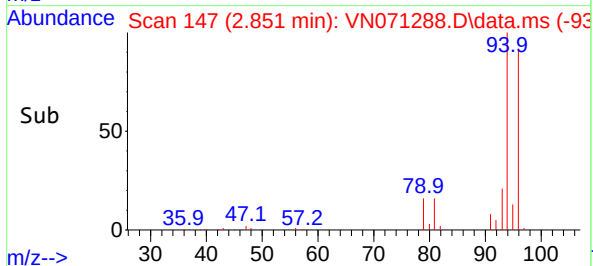
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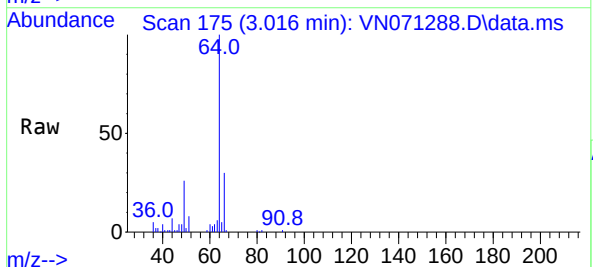
Tgt Ion: 94 Resp: 8500
Ion Ratio Lower Upper
94 100
96 92.2 73.8 110.8

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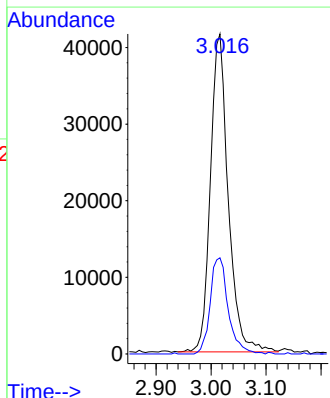
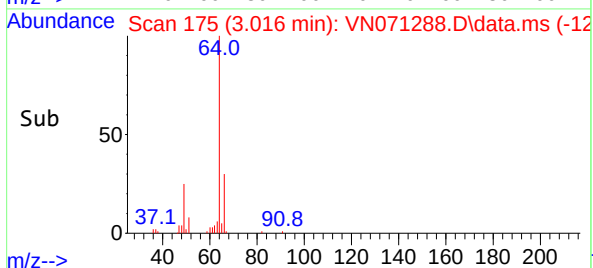
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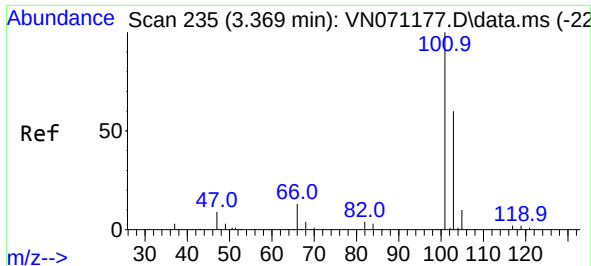


#6
Chloroethane
Concen: 21.482 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN071288.D
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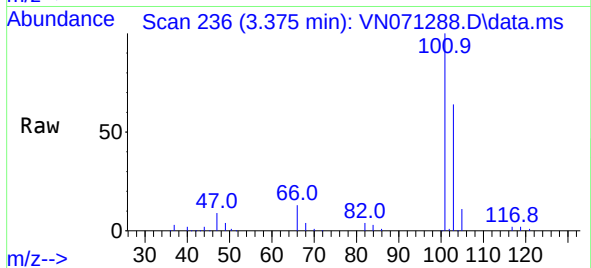
Tgt Ion: 64 Resp: 93532
Ion Ratio Lower Upper
64 100
66 30.2 26.3 39.5





#7
Trichlorofluoromethane
Concen: 20.413 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071288.D
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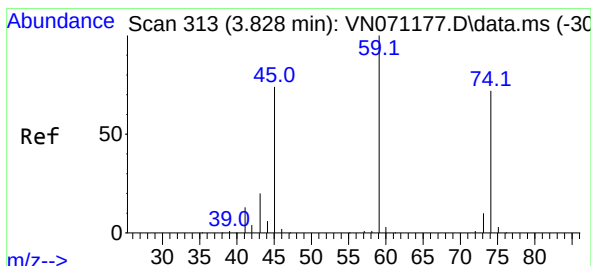
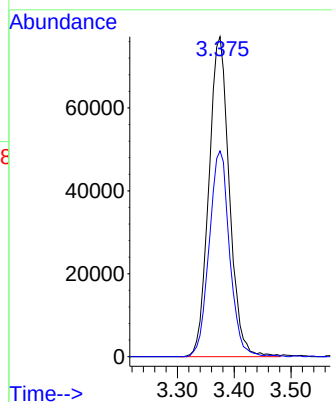
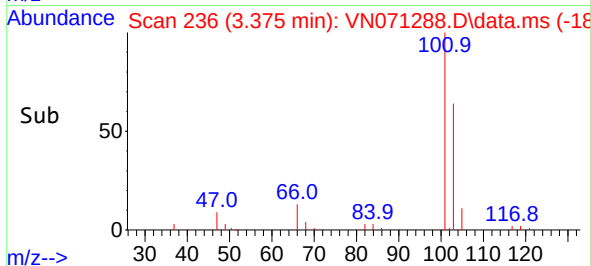
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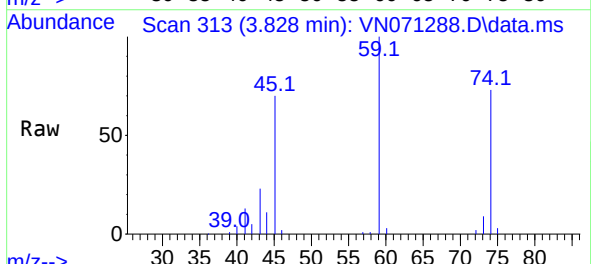
Tgt Ion:101 Resp: 19317
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1

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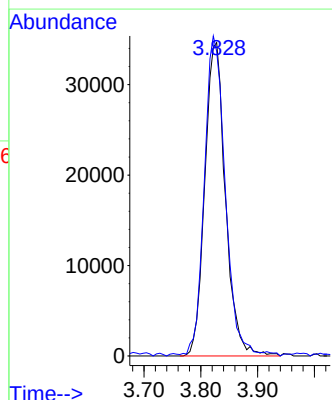
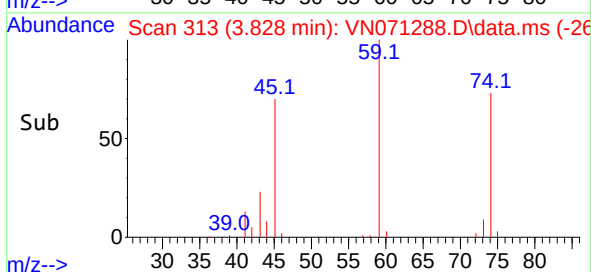
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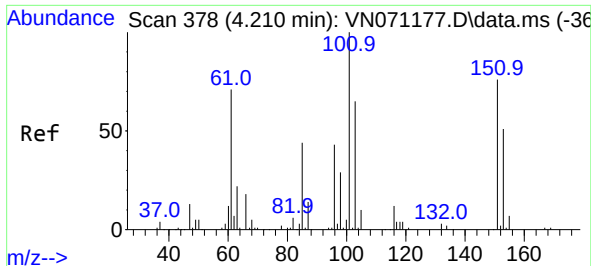


#8
Diethyl Ether
Concen: 21.538 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071288.D
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Tgt Ion: 74 Resp: 87218
Ion Ratio Lower Upper
74 100
45 101.9 47.0 141.2





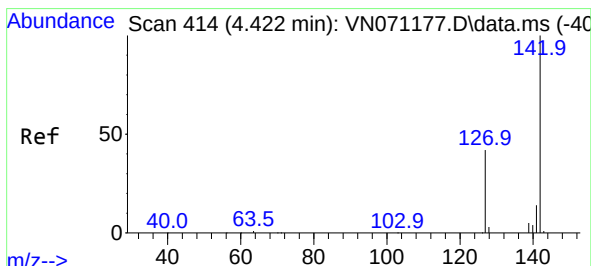
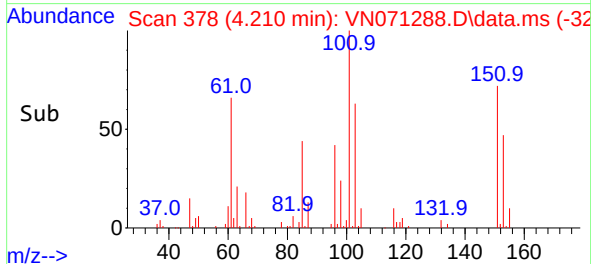
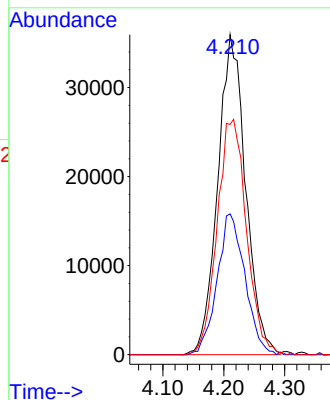
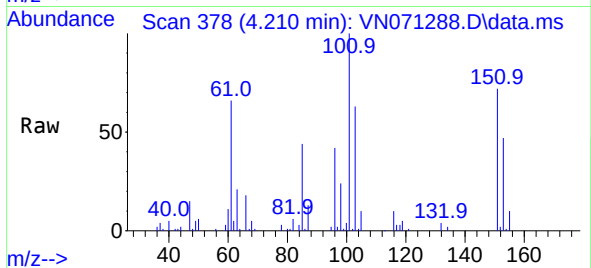
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.883 ug/l
RT: 4.210 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01

Tgt Ion:101 Resp: 11440
Ion Ratio Lower Upper
101 100
85 43.9 37.2 55.8
151 77.4 65.9 98.9

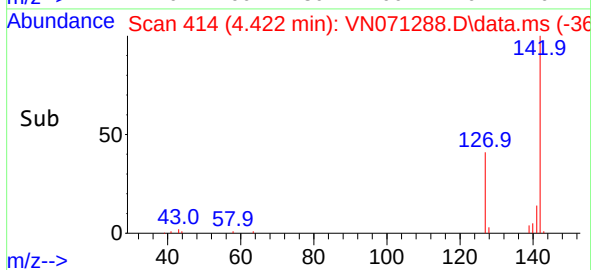
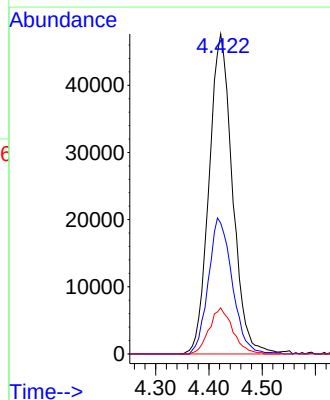
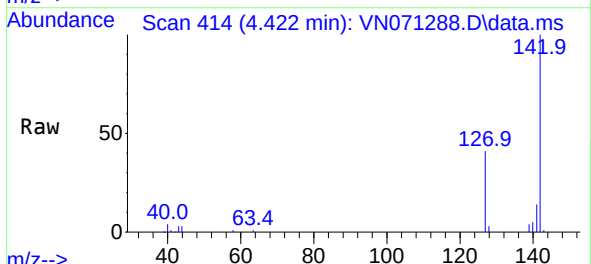
Manual Integrations
APPROVED

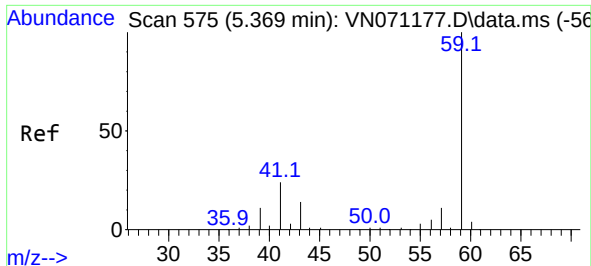
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#10
Methyl Iodide
Concen: 18.784 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Tgt Ion:142 Resp: 145342
Ion Ratio Lower Upper
142 100
127 43.3 35.4 53.0
141 14.5 11.6 17.4





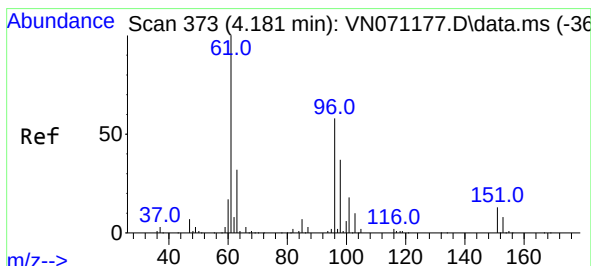
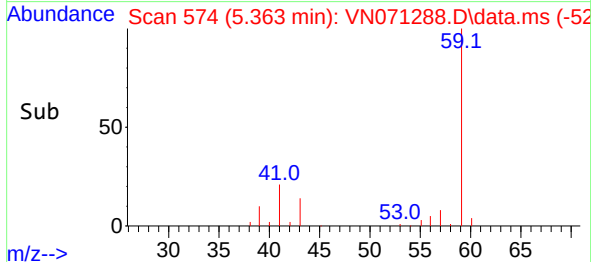
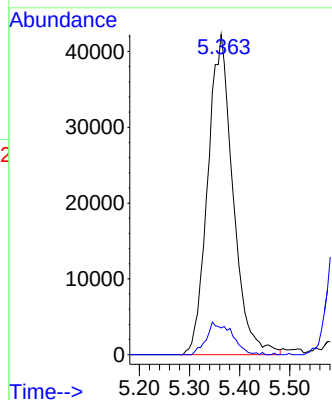
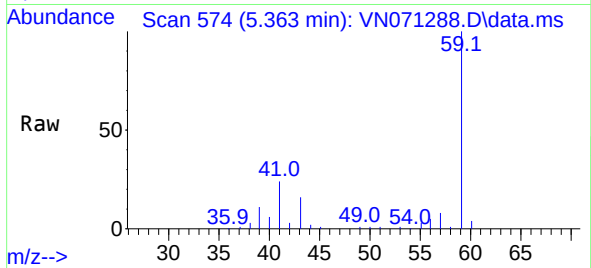
#11
Tert butyl alcohol
Concen: 102.539 ug/l
RT: 5.363 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01

Tgt Ion: 59 Resp: 14778
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

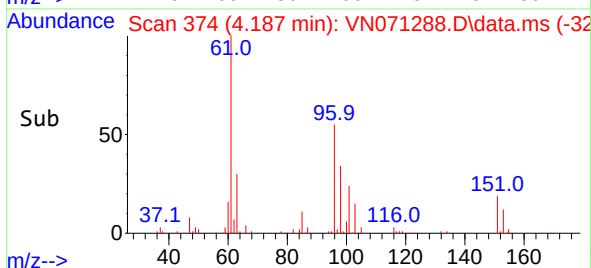
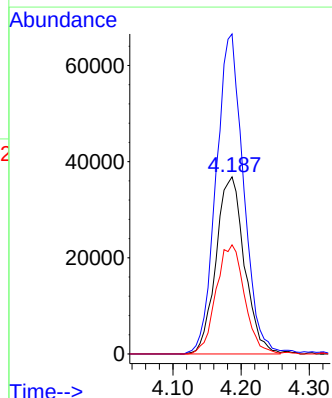
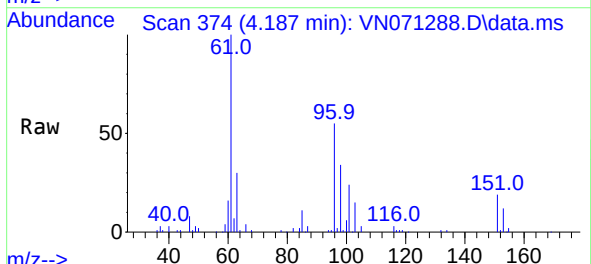
Manual Integrations
APPROVED

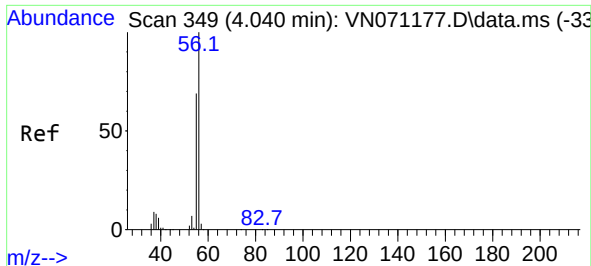
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#12
1,1-Dichloroethene
Concen: 19.916 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

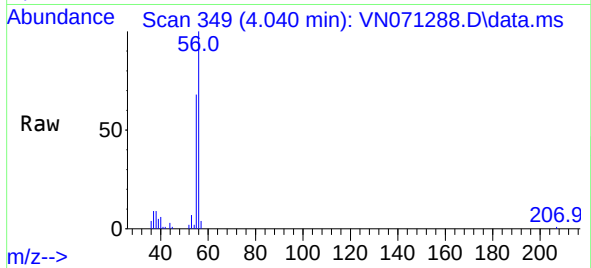
Tgt Ion: 96 Resp: 106880
Ion Ratio Lower Upper
96 100
61 180.6 131.0 196.6
98 61.6 52.4 78.6





#13
Acrolein
Concen: 51.401 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

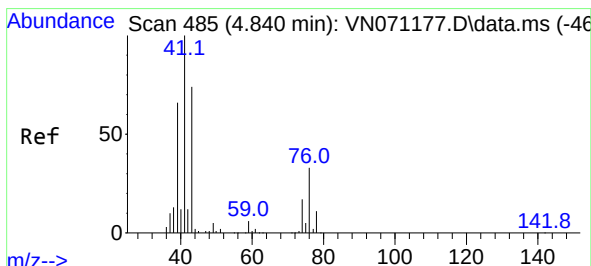
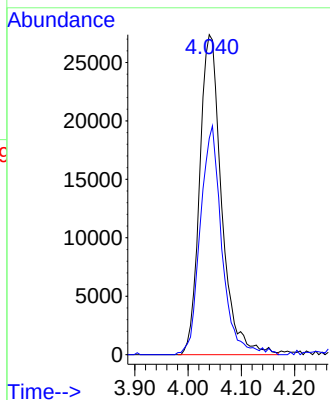
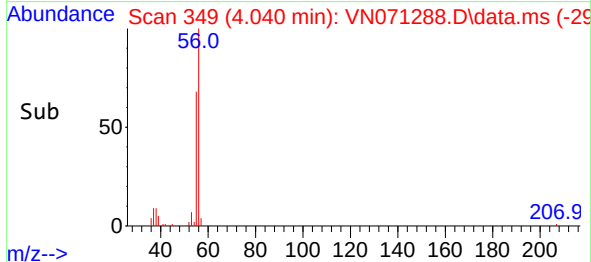
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



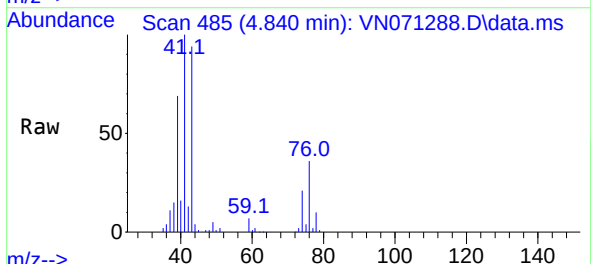
Tgt Ion: 56 Resp: 78410
Ion Ratio Lower Upper
56 100
55 69.5 56.6 85.0

Manual Integrations
APPROVED

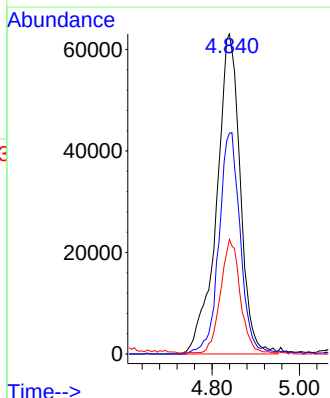
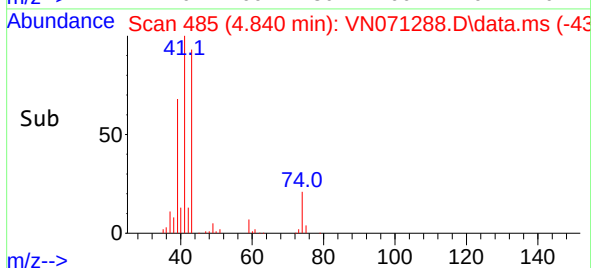
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

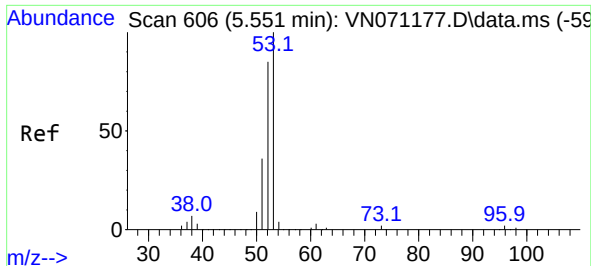


#14
Allyl chloride
Concen: 20.228 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



Tgt Ion: 41 Resp: 236097
Ion Ratio Lower Upper
41 100
39 62.4 61.2 91.8
76 29.5 26.0 39.0





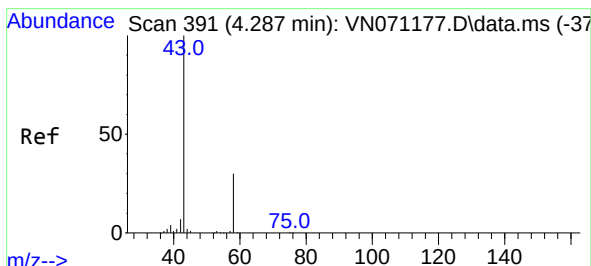
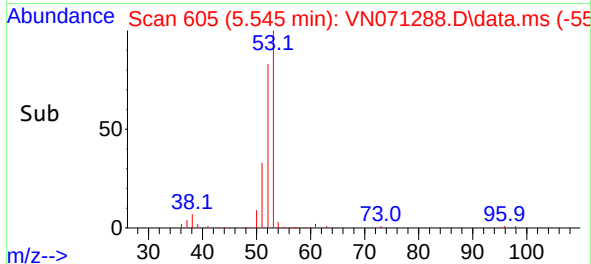
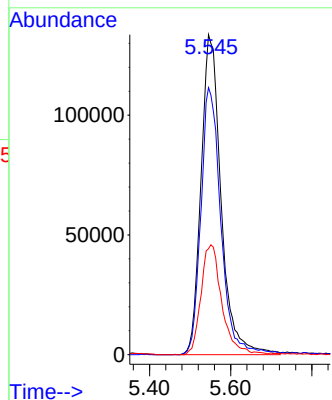
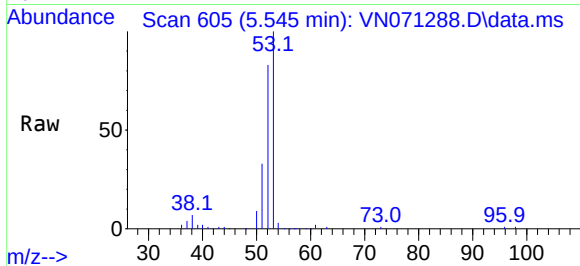
#15
Acrylonitrile
Concen: 107.203 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01

Tgt Ion: 53 Resp: 45876
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 35.8 29.6 44.4

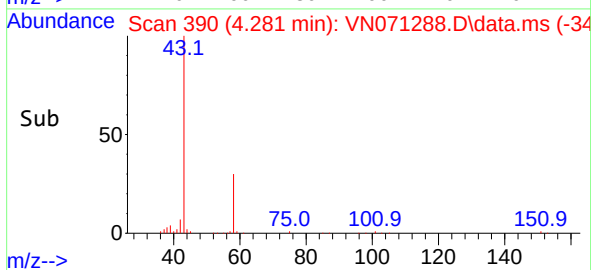
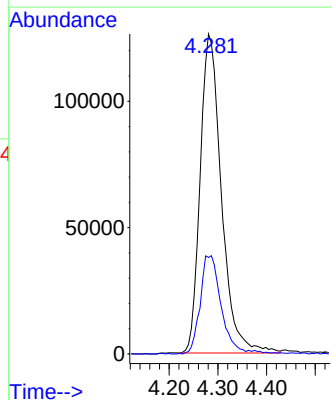
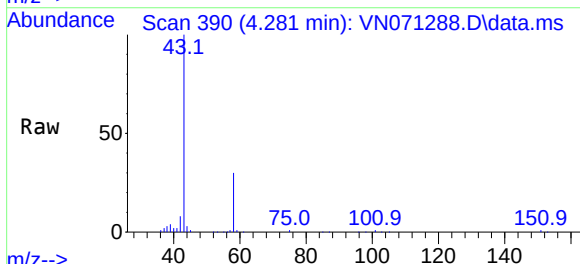
Manual Integrations
APPROVED

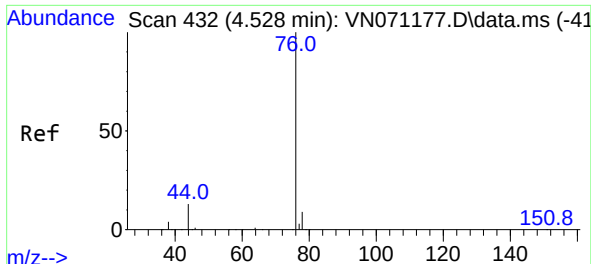
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#16
Acetone
Concen: 107.386 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

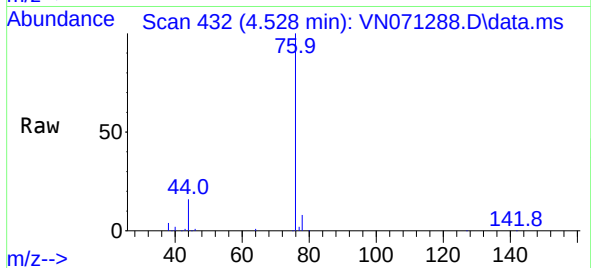
Tgt Ion: 43 Resp: 383332
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7





#17
Carbon Disulfide
Concen: 18.039 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

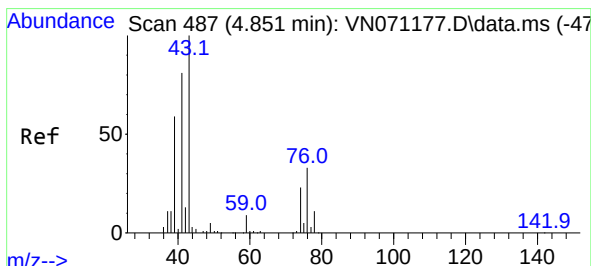
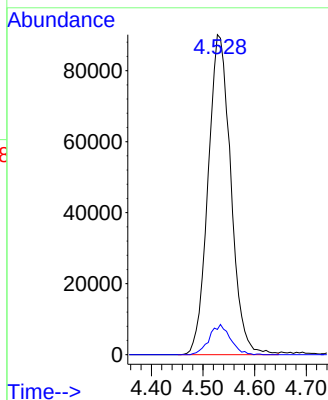
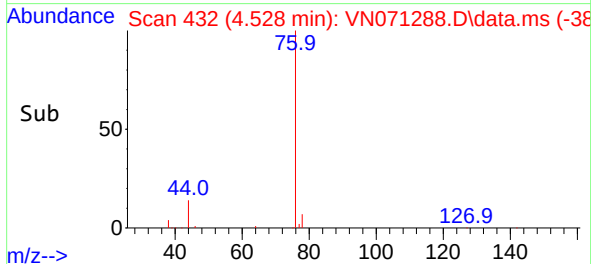
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



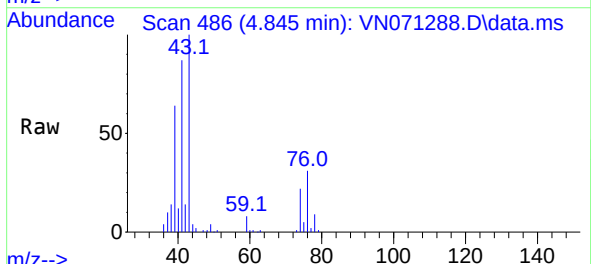
Tgt Ion: 76 Resp: 275599
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3

Manual Integrations
APPROVED

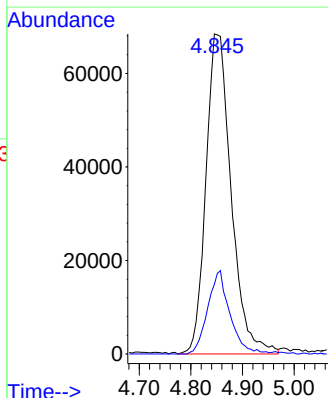
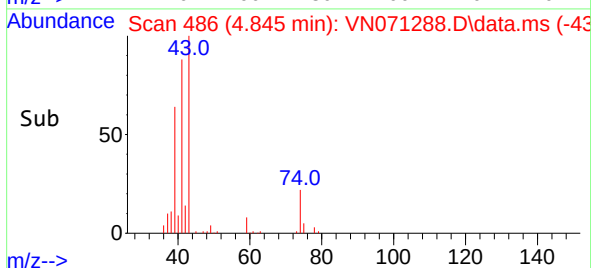
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

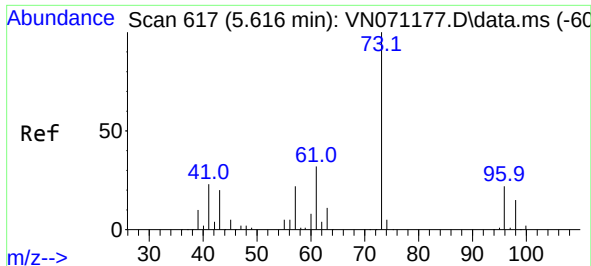


#18
Methyl Acetate
Concen: 24.509 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



Tgt Ion: 43 Resp: 232651
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2





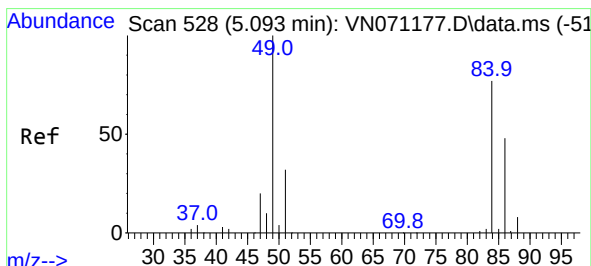
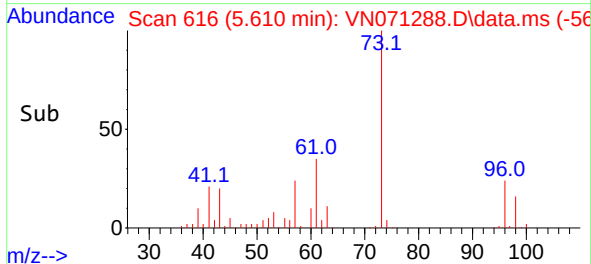
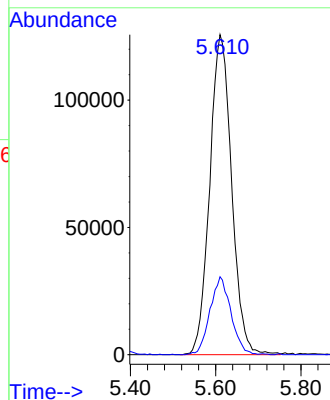
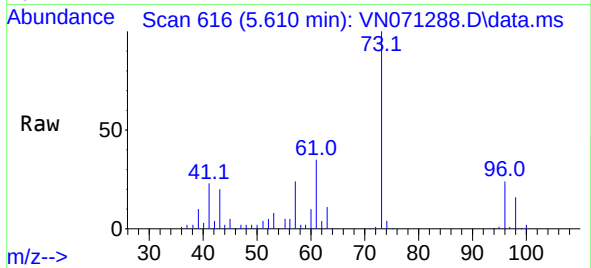
#19
Methyl tert-butyl Ether
Concen: 22.306 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01

Tgt Ion: 73 Resp: 449448
Ion Ratio Lower Upper
73 100
57 24.4 16.8 25.2

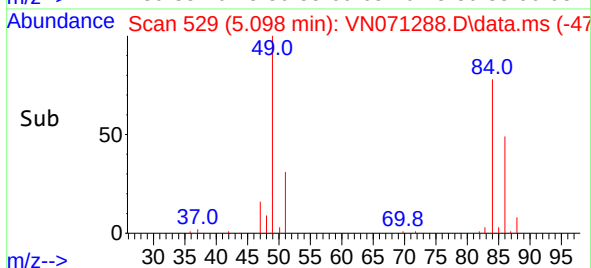
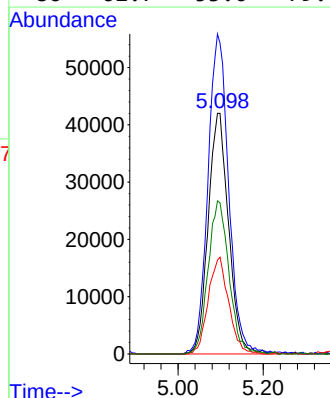
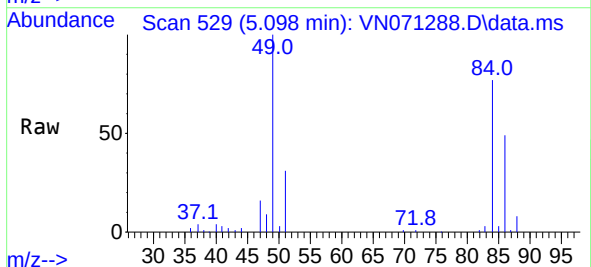
Manual Integrations
APPROVED

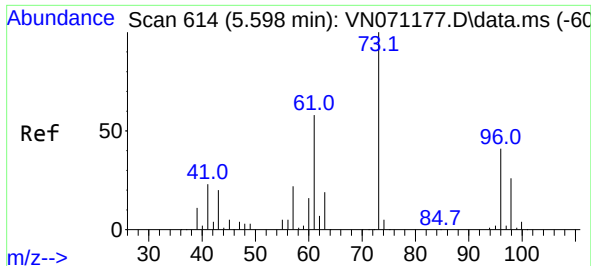
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#20
Methylene Chloride
Concen: 21.728 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

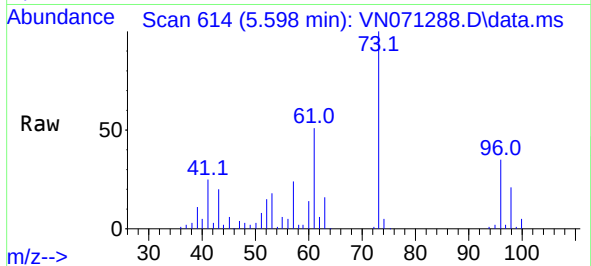
Tgt Ion: 84 Resp: 140341
Ion Ratio Lower Upper
84 100
49 129.0 93.5 140.3
51 40.2 29.4 44.2
86 62.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.347 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

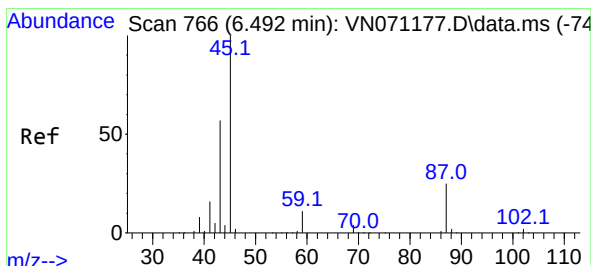
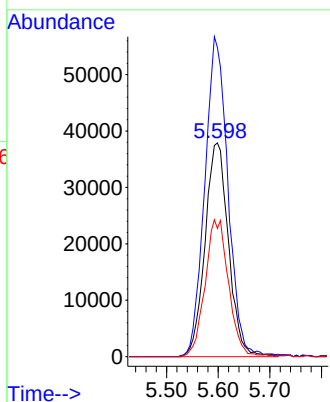
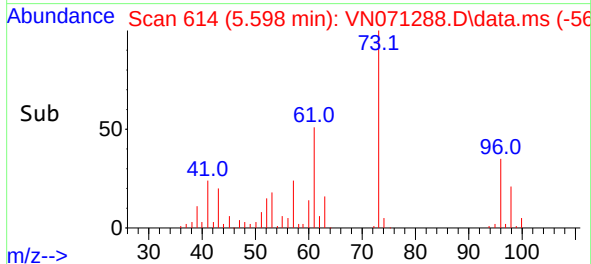
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



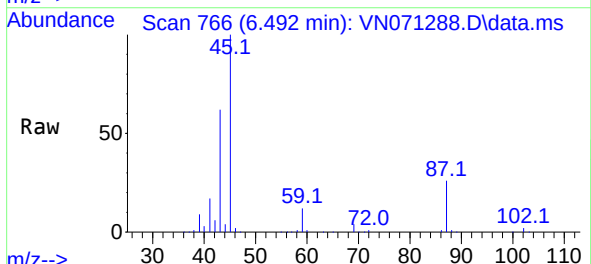
Tgt Ion: 96 Resp: 119430
Ion Ratio Lower Upper
96 100
61 144.7 105.8 158.6
98 60.0 52.0 78.0

Manual Integrations
APPROVED

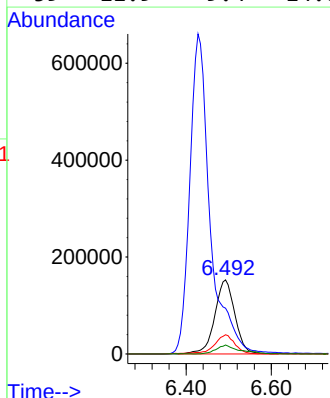
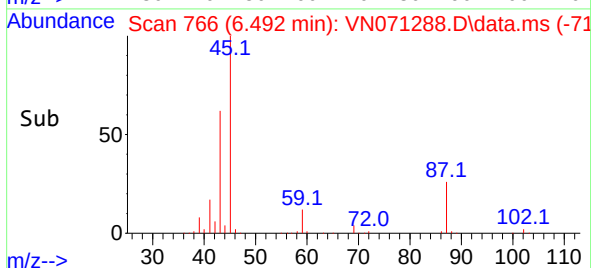
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

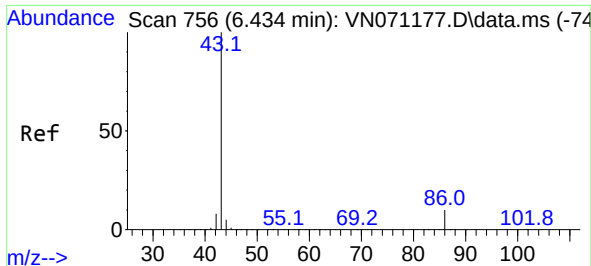


#22
Diisopropyl ether
Concen: 21.788 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



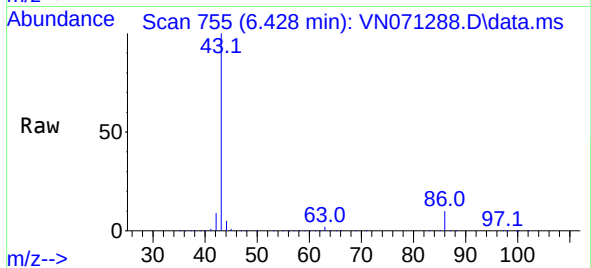
Tgt Ion: 45 Resp: 501007
Ion Ratio Lower Upper
45 100
43 60.2 51.7 77.5
87 25.7 23.2 34.8
59 11.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 112.284 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VN071288.D
 Acq: 15 Mar 2022 13:39

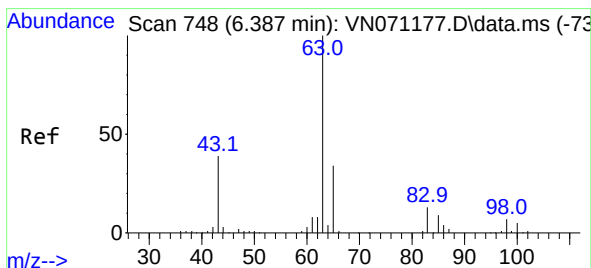
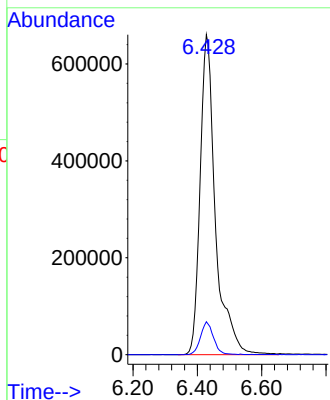
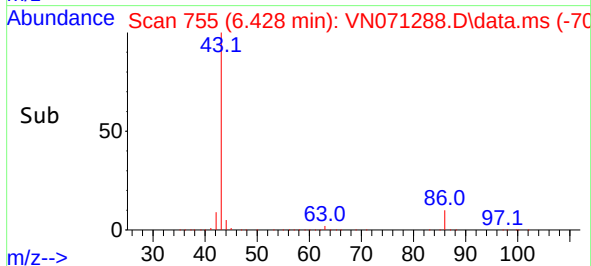
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315MBS01



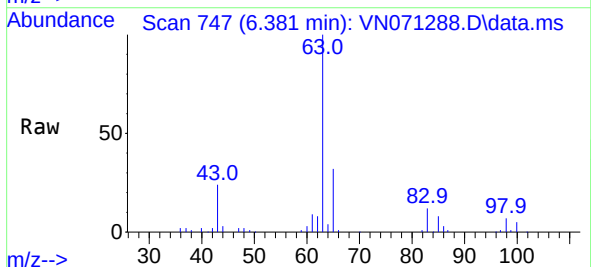
Tgt Ion: 43 Resp: 2185849
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

Manual Integrations
 APPROVED

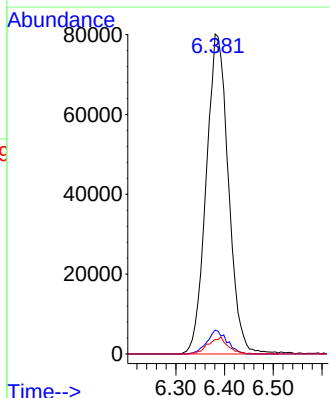
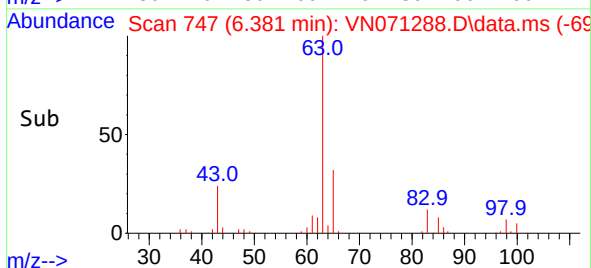
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/16/2022

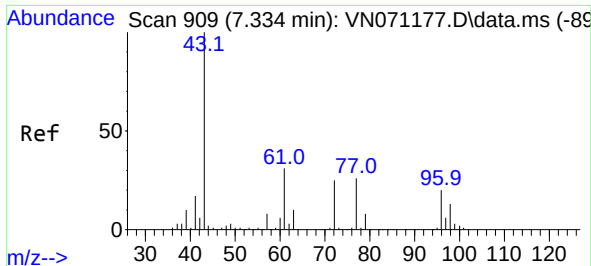


#24
 1,1-Dichloroethane
 Concen: 20.876 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071288.D
 Acq: 15 Mar 2022 13:39



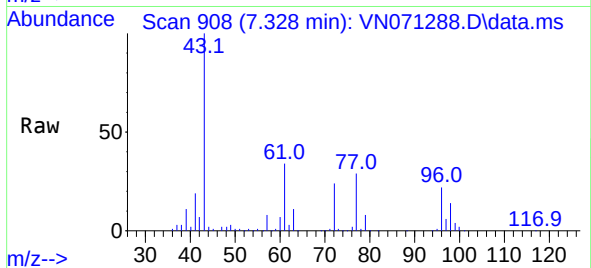
Tgt Ion: 63 Resp: 253663
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 4.6 2.1 6.5





#25
2-Butanone
Concen: 108.332 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

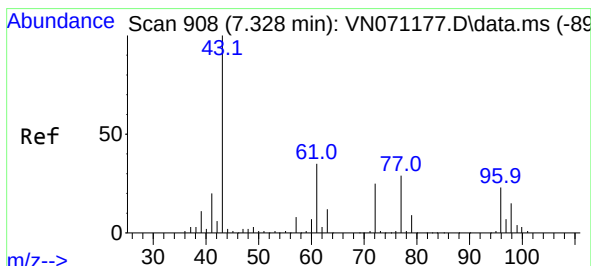
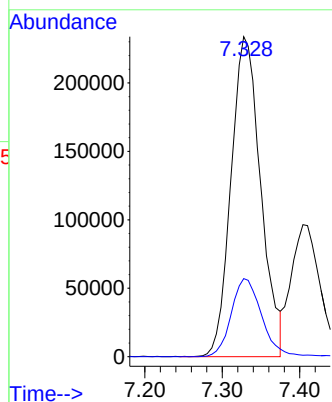
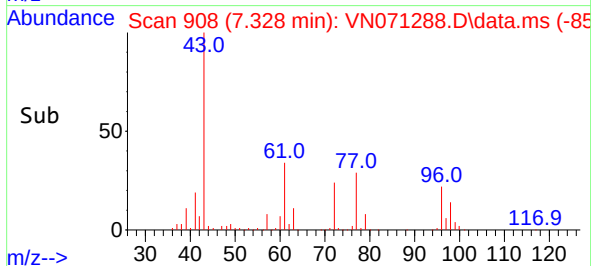
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



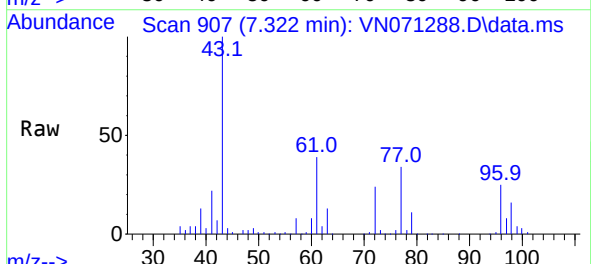
Tgt Ion: 43 Resp: 62294
Ion Ratio Lower Upper
43 100
72 24.4 21.7 32.5

Manual Integrations
APPROVED

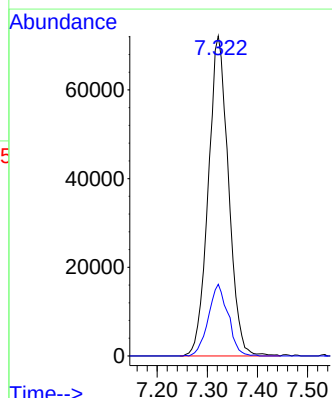
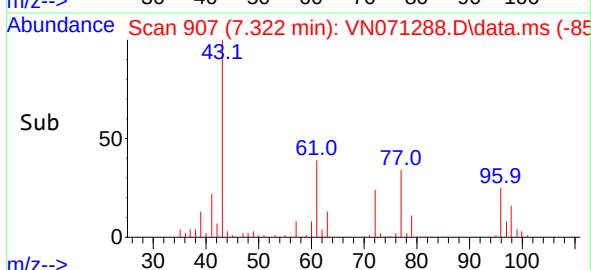
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

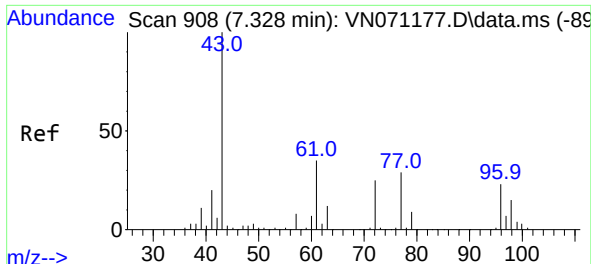


#26
2,2-Dichloropropane
Concen: 21.548 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



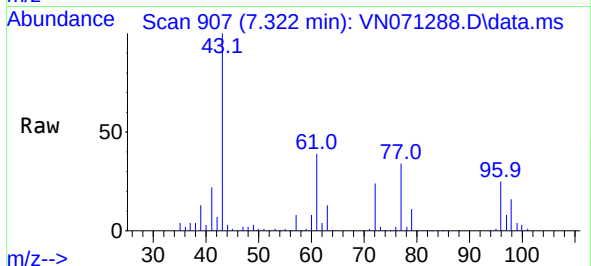
Tgt Ion: 77 Resp: 201992
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.683 ug/l
 RT: 7.322 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VN071288.D
 Acq: 15 Mar 2022 13:39

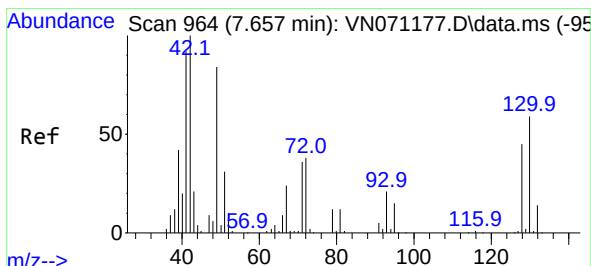
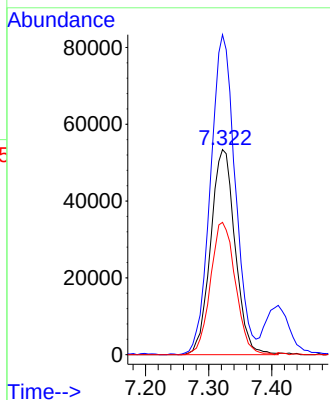
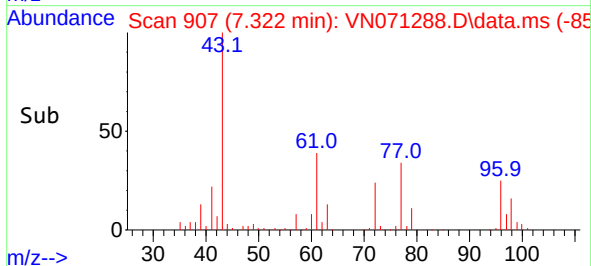
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315MBS01



Tgt Ion: 96 Resp: 14409
 Ion Ratio Lower Upper
 96 100
 61 157.2 0.0 275.0
 98 65.6 0.0 129.6

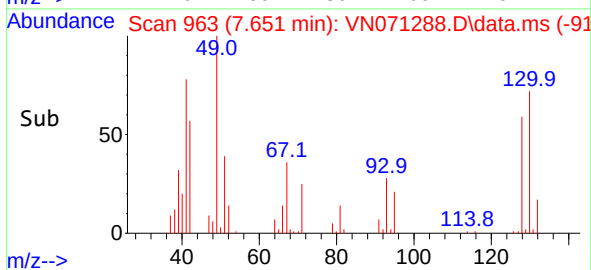
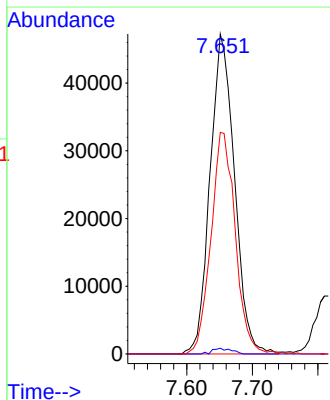
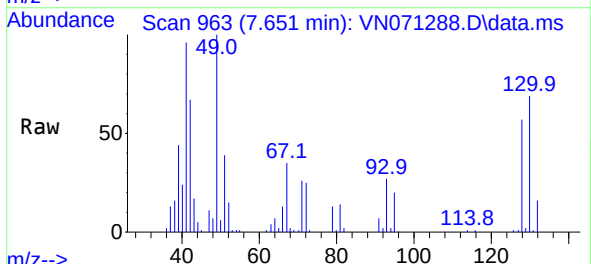
Manual Integrations
 APPROVED

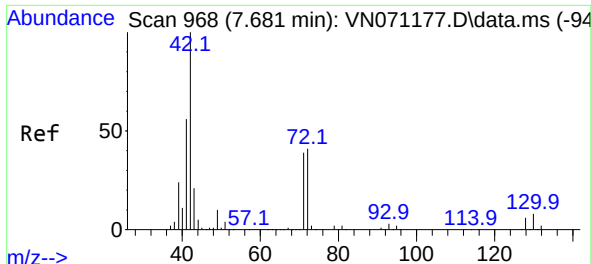
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/16/2022



#28
 Bromochloromethane
 Concen: 22.591 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071288.D
 Acq: 15 Mar 2022 13:39

Tgt Ion: 49 Resp: 122238
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.0
 130 68.9 67.8 101.8





#29

Tetrahydrofuran

Concen: 107.279 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071288.D

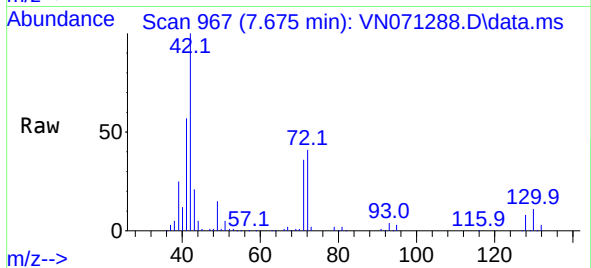
Acq: 15 Mar 2022 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0315MBS01



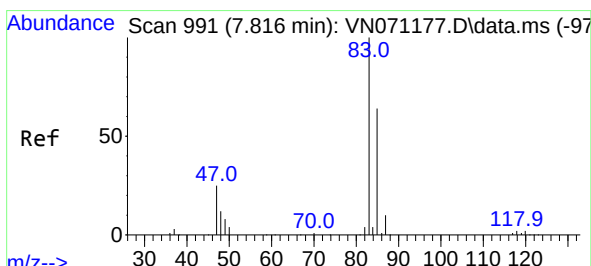
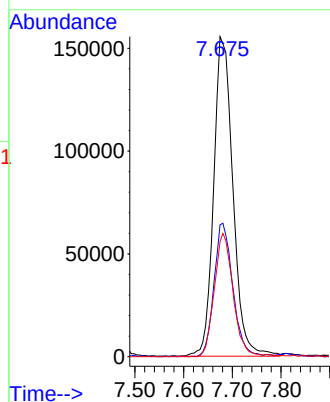
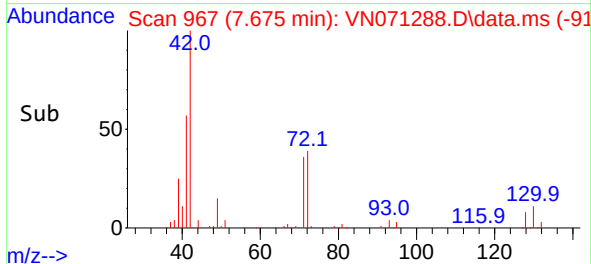
Tgt Ion:	42	Resp:	42736
Ion	Ratio	Lower	Upper
42	100		
72	40.7	36.3	54.5
71	37.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/16/2022



#30

Chloroform

Concen: 21.529 ug/l

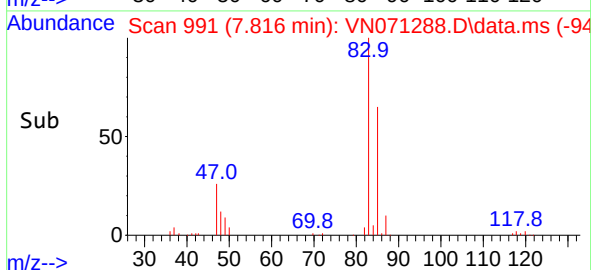
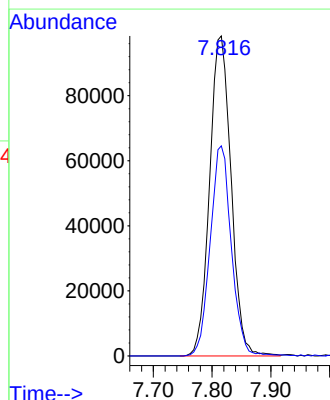
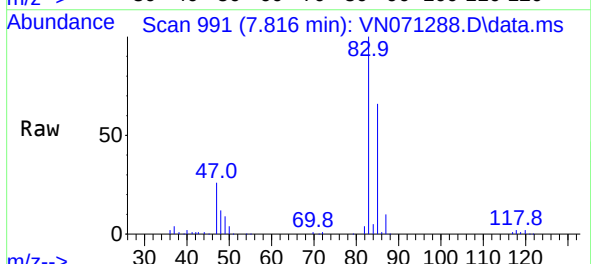
RT: 7.816 min Scan# 991

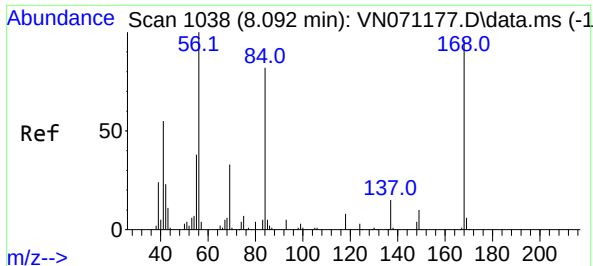
Delta R.T. -0.000 min

Lab File: VN071288.D

Acq: 15 Mar 2022 13:39

Tgt Ion:	83	Resp:	249504
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.9	77.9





#31

Cyclohexane

Concen: 20.200 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VN071288.D

Acq: 15 Mar 2022 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0315MBS01

Tgt Ion: 56 Resp: 236660

Ion Ratio Lower Upper

56 100

69 33.3 27.1 40.7

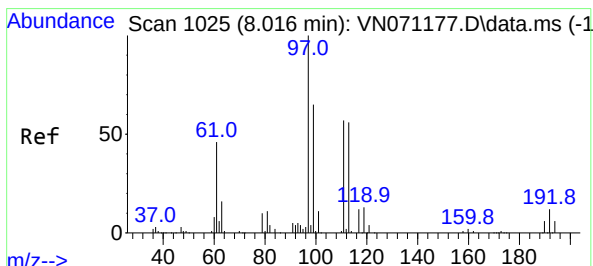
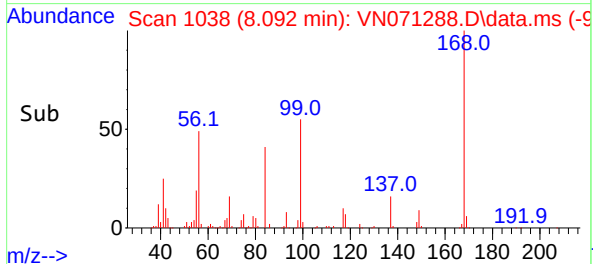
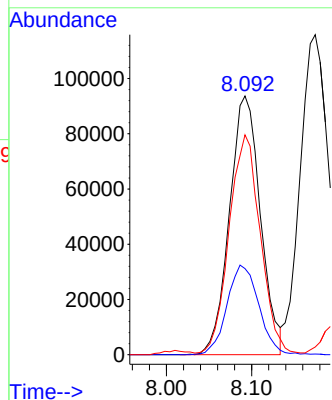
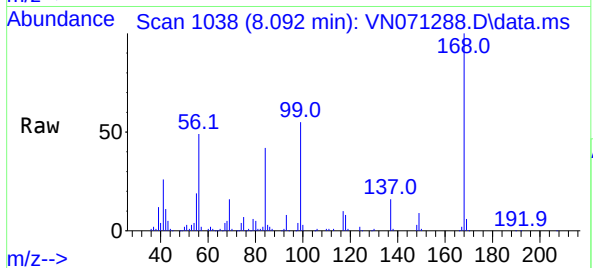
84 83.6 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/16/2022



#32

1,1,1-Trichloroethane

Concen: 21.161 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071288.D

Acq: 15 Mar 2022 13:39

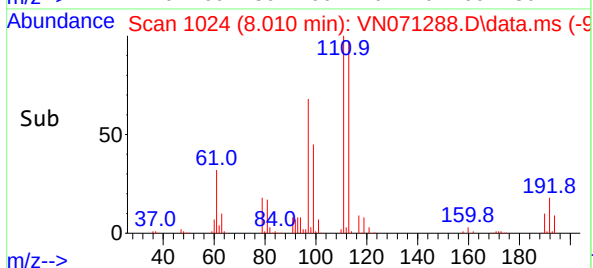
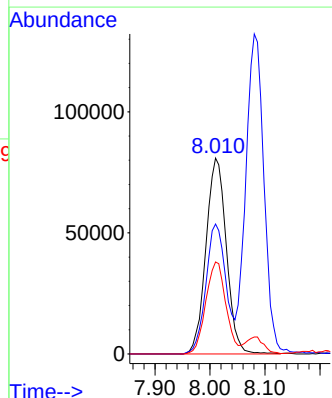
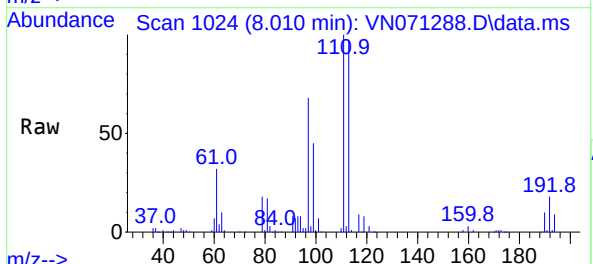
Tgt Ion: 97 Resp: 208896

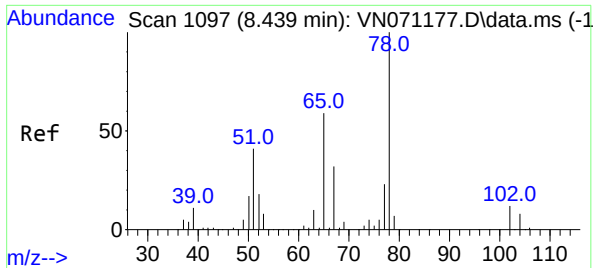
Ion Ratio Lower Upper

97 100

99 65.8 50.1 75.1

61 46.1 35.2 52.8





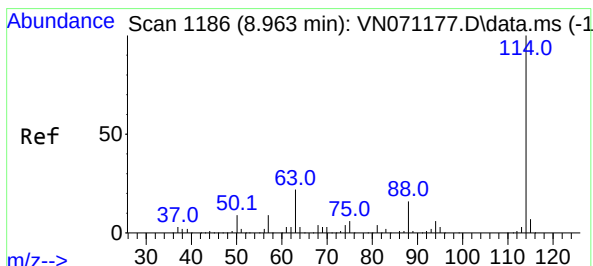
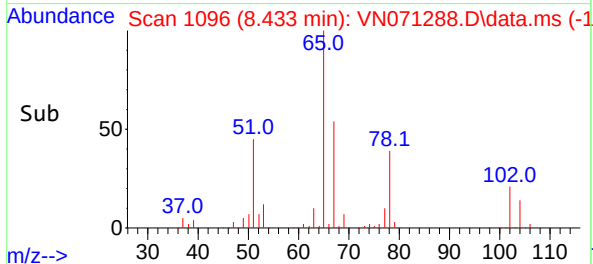
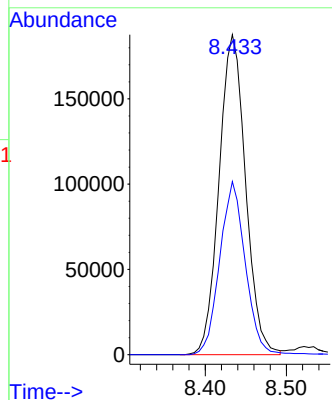
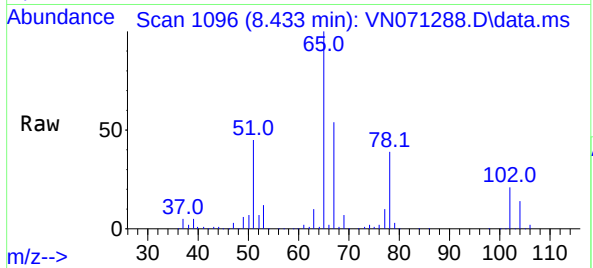
#33
1,2-Dichloroethane-d4
Concen: 58.104 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01

Tgt Ion: 65 Resp: 426270
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

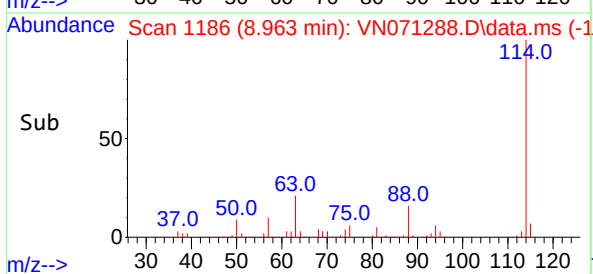
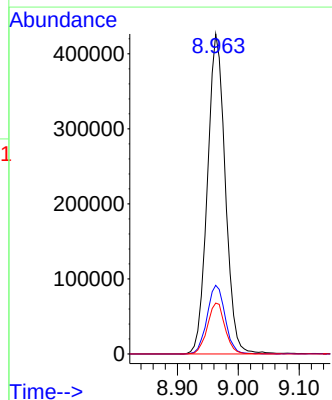
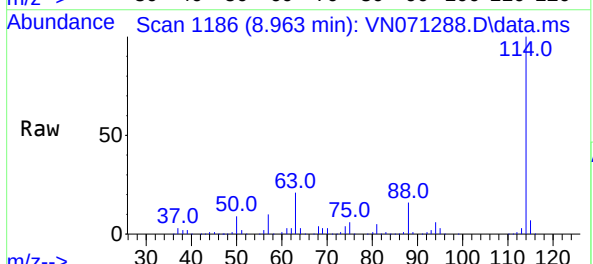
Manual Integrations
APPROVED

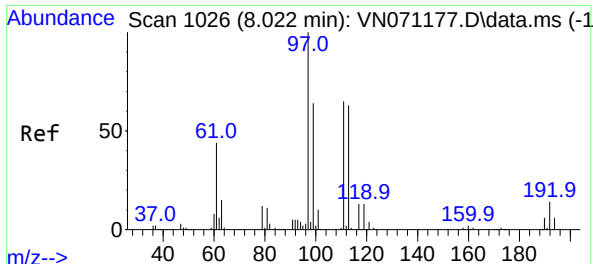
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

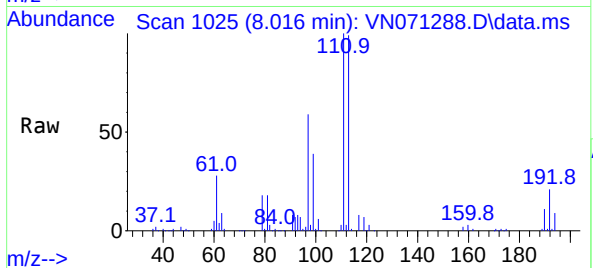
Tgt Ion:114 Resp: 867680
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 57.573 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

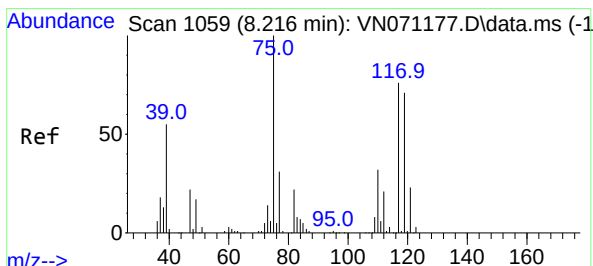
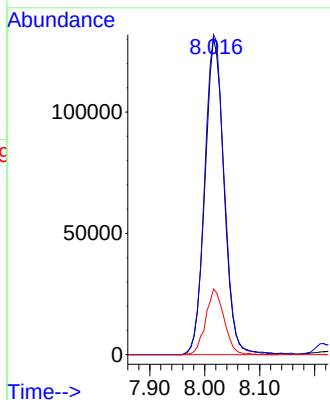
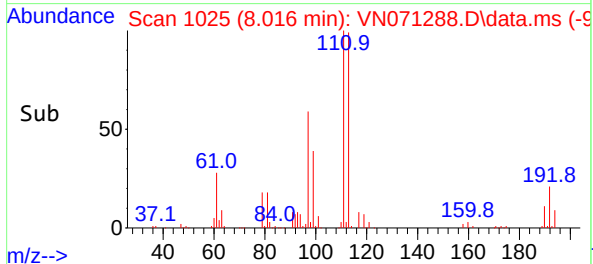
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



Tgt Ion: 113 Resp: 315234
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.0 16.9 25.3

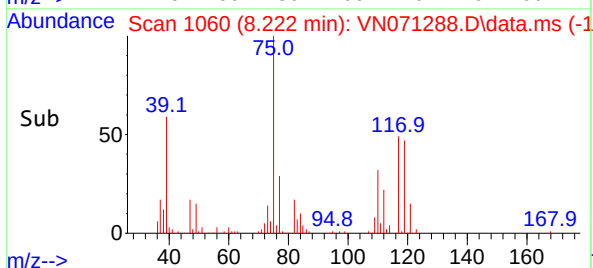
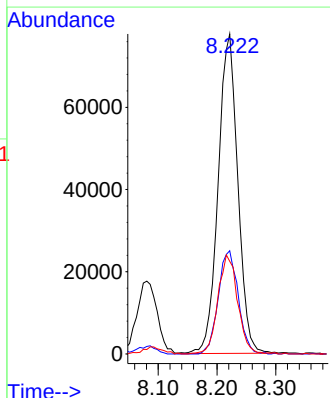
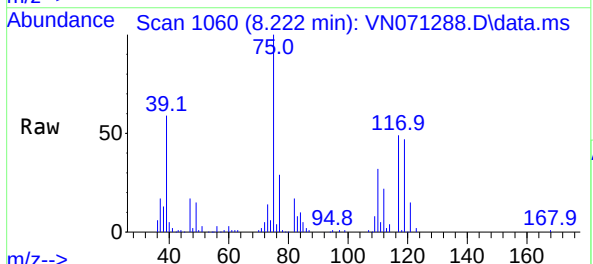
Manual Integrations
APPROVED

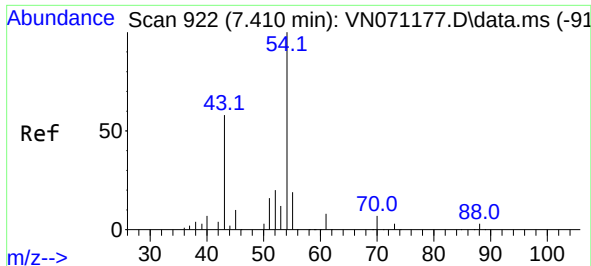
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#36
1,1-Dichloropropene
Concen: 20.535 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

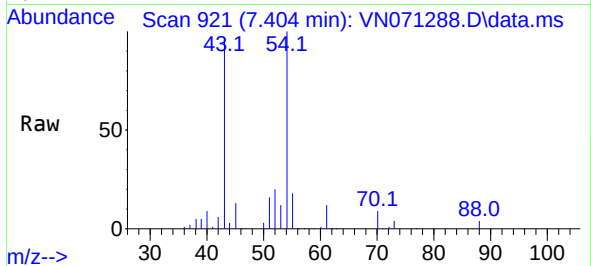
Tgt Ion: 75 Resp: 180145
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 20.678 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

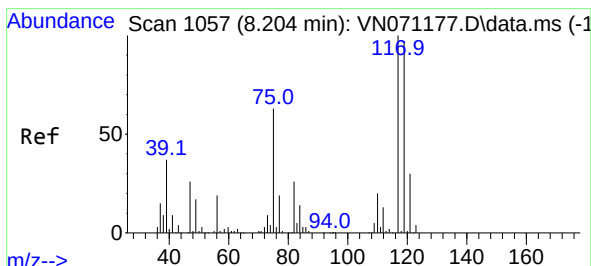
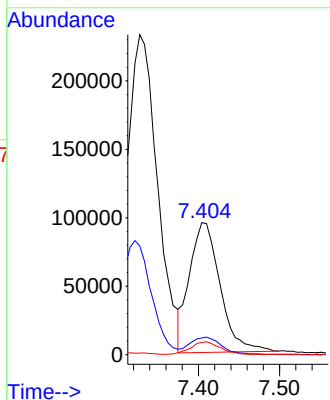
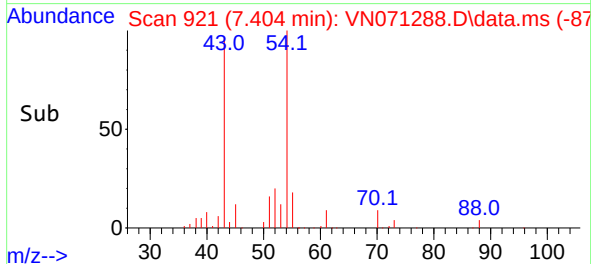
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



Tgt Ion: 43 Resp: 249654
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 9.7 7.9 11.9

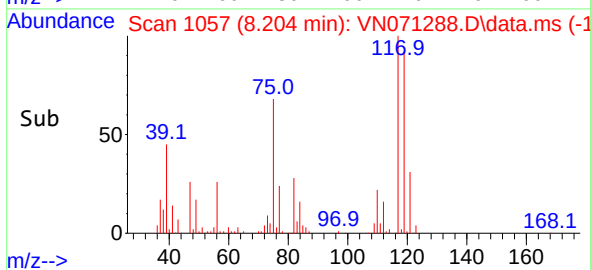
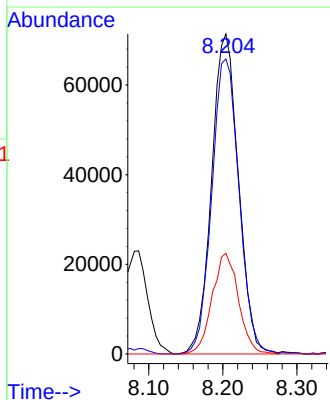
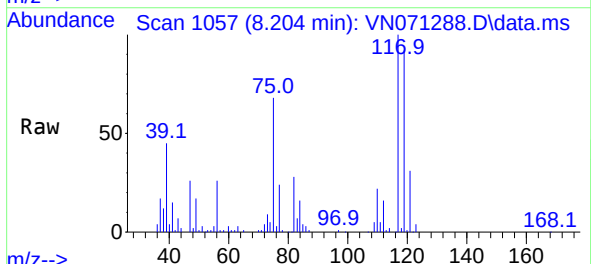
Manual Integrations
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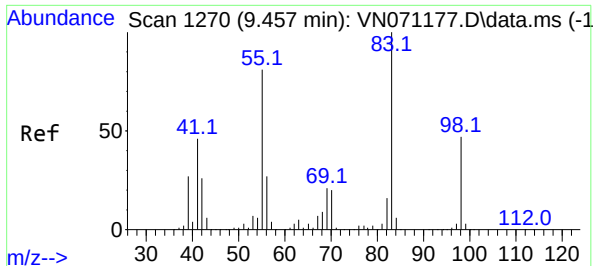
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#38
Carbon Tetrachloride
Concen: 21.142 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

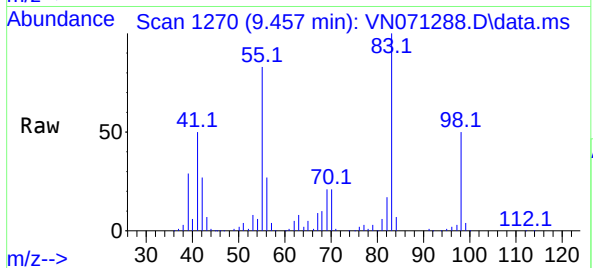
Tgt Ion:117 Resp: 179398
Ion Ratio Lower Upper
117 100
119 92.2 76.1 114.1
121 31.4 24.2 36.2





#39
Methylcyclohexane
Concen: 20.555 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

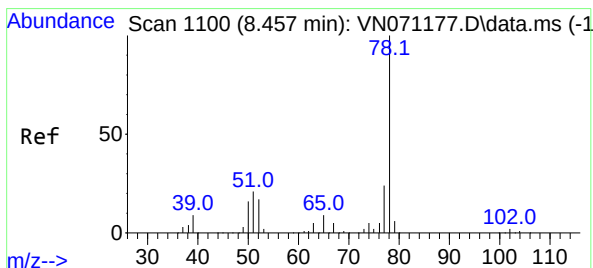
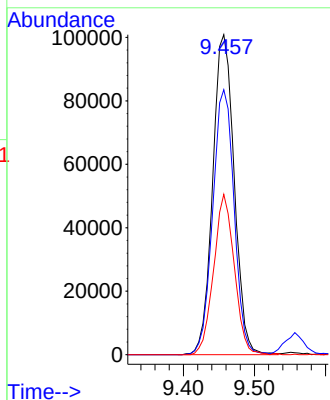
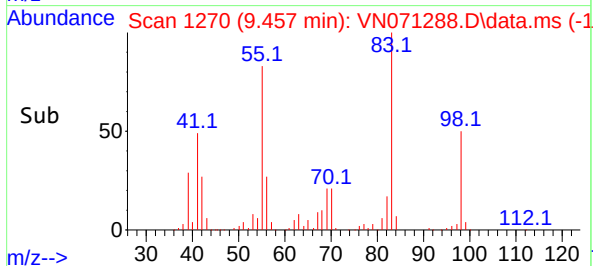
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



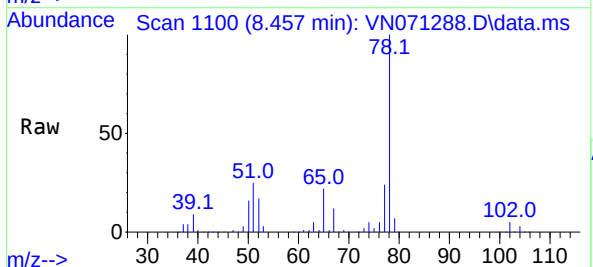
Tgt Ion: 83 Resp: 212130
Ion Ratio Lower Upper
83 100
55 82.8 58.1 87.1
98 50.1 38.4 57.6

Manual Integrations
APPROVED

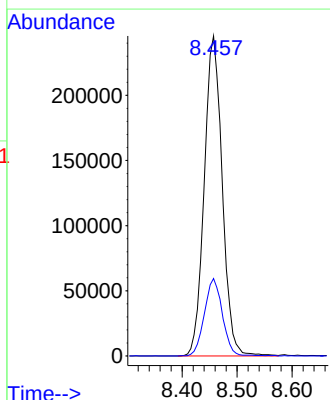
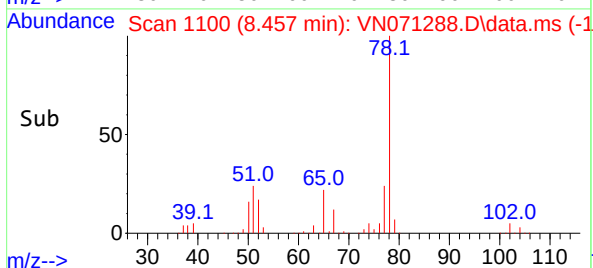
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

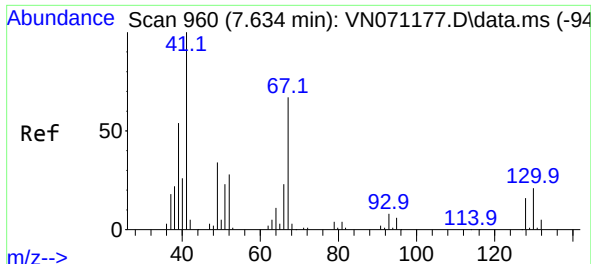


#40
Benzene
Concen: 21.135 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



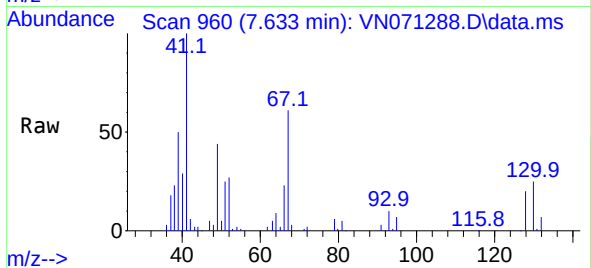
Tgt Ion: 78 Resp: 558621
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8





#41
Methacrylonitrile
Concen: 19.863 ug/l
RT: 7.633 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

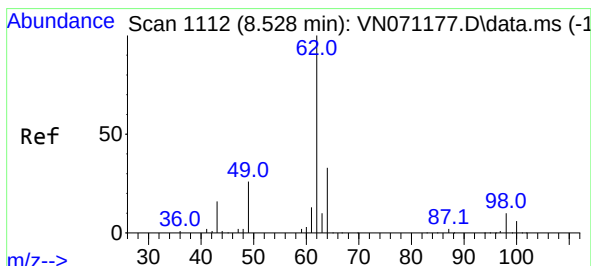
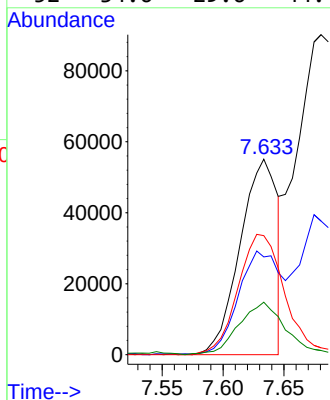
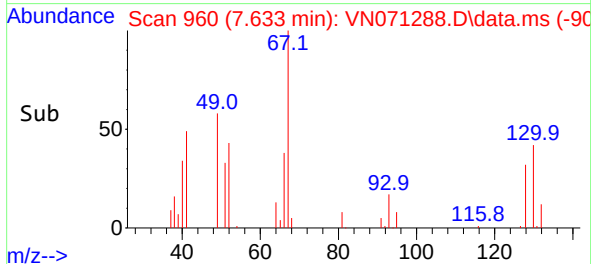
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



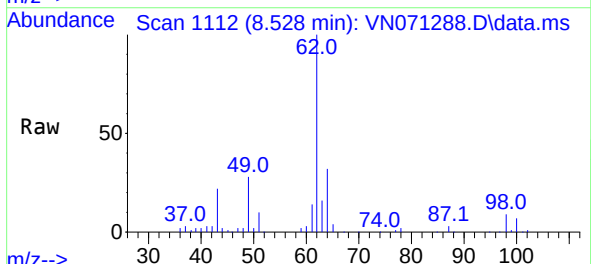
Tgt Ion: 41 Resp: 11735
Ion Ratio Lower Upper
41 100
39 60.4 48.1 72.1
67 77.7 68.3 102.5
52 34.6 29.6 44.4

Manual Integrations
APPROVED

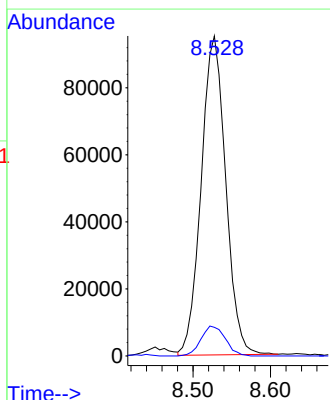
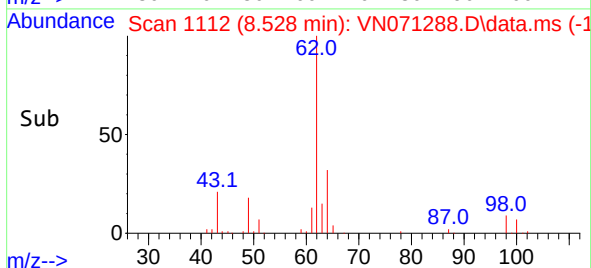
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

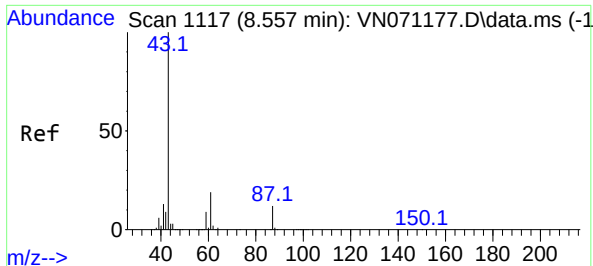


#42
1,2-Dichloroethane
Concen: 22.729 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



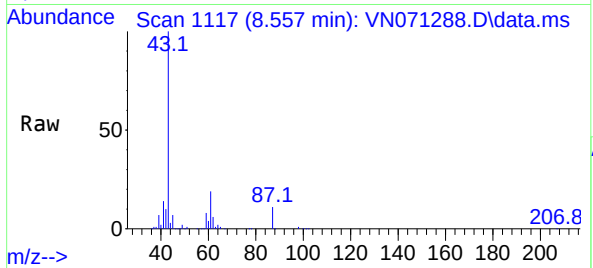
Tgt Ion: 62 Resp: 209053
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 24.215 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

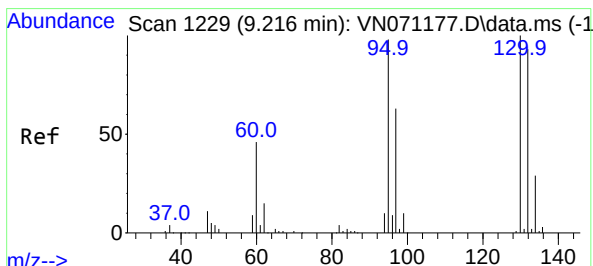
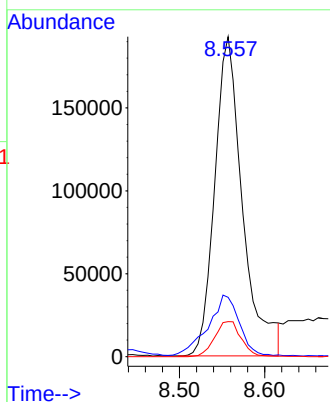
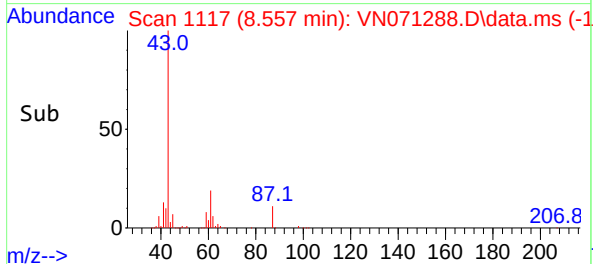
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



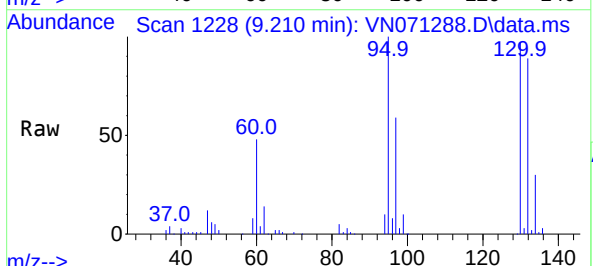
Tgt Ion: 43 Resp: 437200
Ion Ratio Lower Upper
43 100
61 21.8 20.4 30.6
87 10.6 11.2 16.8

Manual Integrations
APPROVED

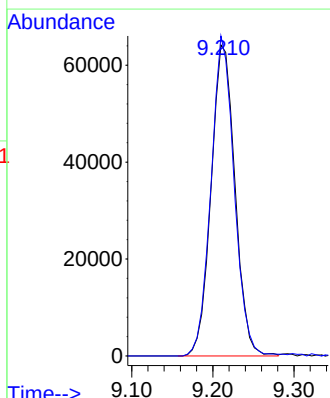
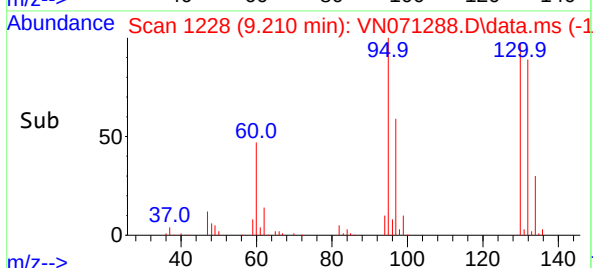
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

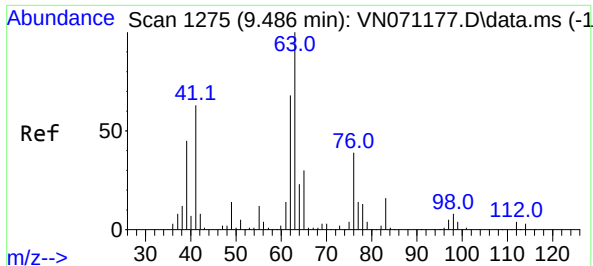


#44
Trichloroethene
Concen: 21.059 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



Tgt Ion:130 Resp: 131332
Ion Ratio Lower Upper
130 100
95 102.9 0.0 191.2





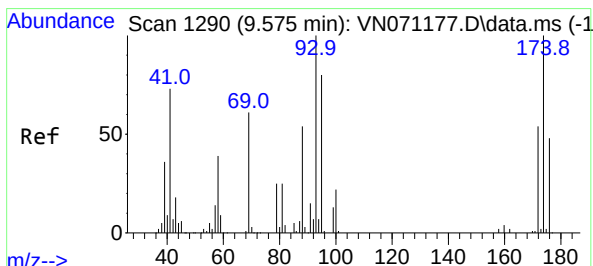
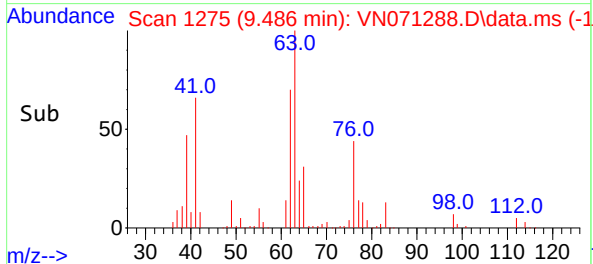
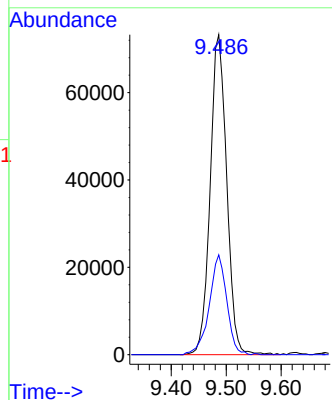
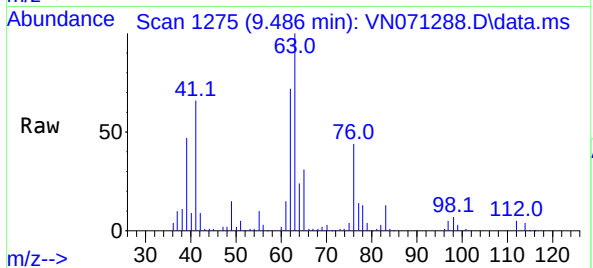
#45
1,2-Dichloropropane
Concen: 21.566 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01

Tgt Ion: 63 Resp: 153020
Ion Ratio Lower Upper
63 100
65 31.2 24.7 37.1

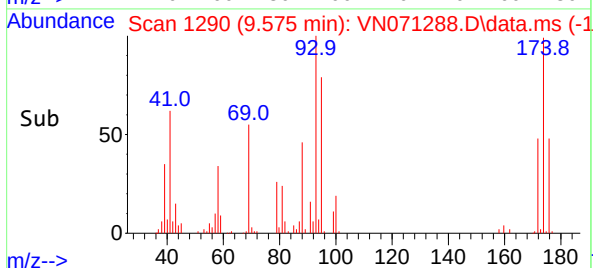
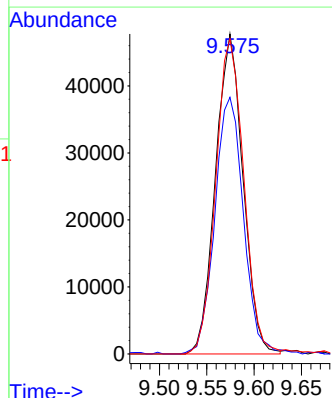
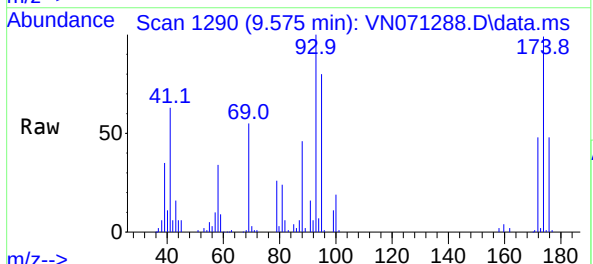
Manual Integrations
APPROVED

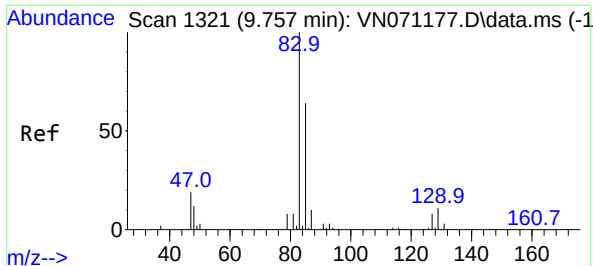
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#46
Dibromomethane
Concen: 22.101 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

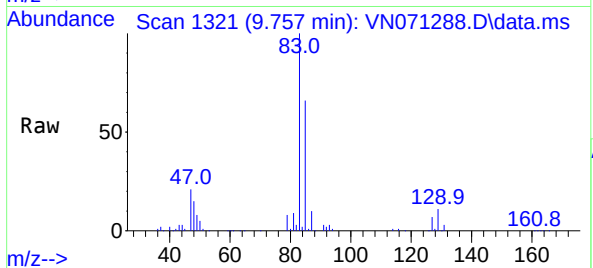
Tgt Ion: 93 Resp: 96516
Ion Ratio Lower Upper
93 100
95 83.6 65.9 98.9
174 100.9 84.6 127.0





#47
Bromodichloromethane
Concen: 22.228 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

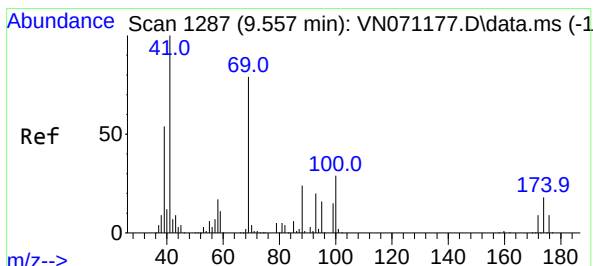
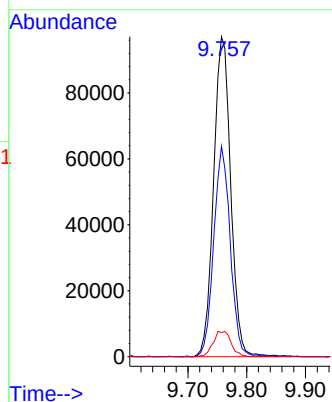
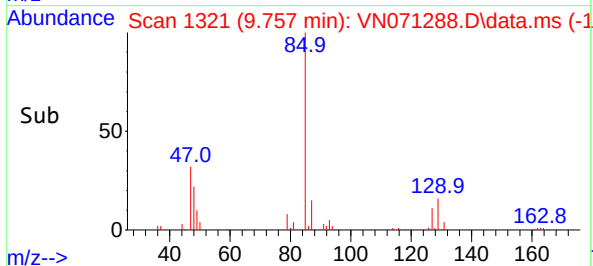
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



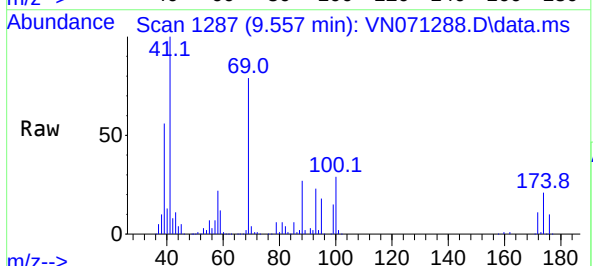
Tgt Ion: 83 Resp: 196177
Ion Ratio Lower Upper
83 100
85 65.7 50.9 76.3
127 7.5 7.1 10.7

Manual Integrations
APPROVED

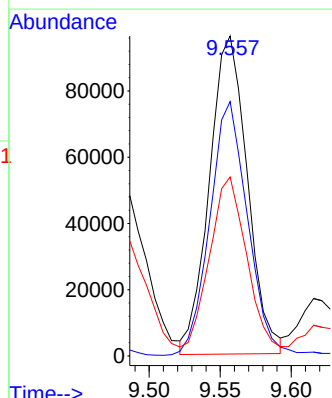
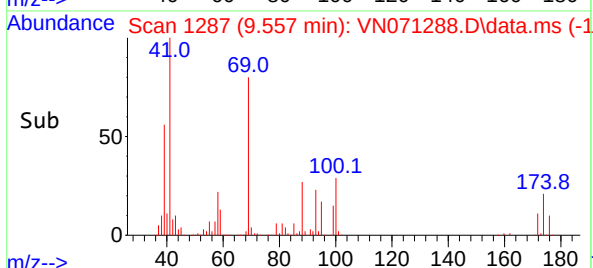
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

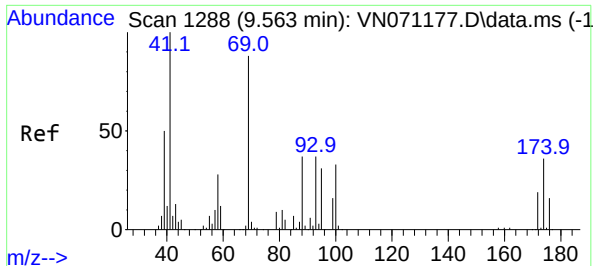


#48
Methyl methacrylate
Concen: 21.365 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



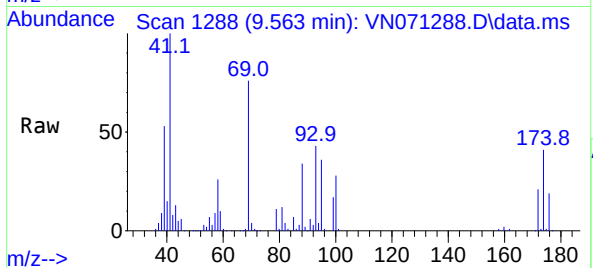
Tgt Ion: 41 Resp: 178763
Ion Ratio Lower Upper
41 100
69 80.3 72.4 108.6
39 56.2 58.4 87.6#





#49
1,4-Dioxane
Concen: 425.483 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

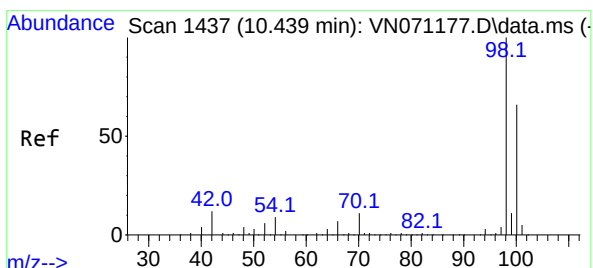
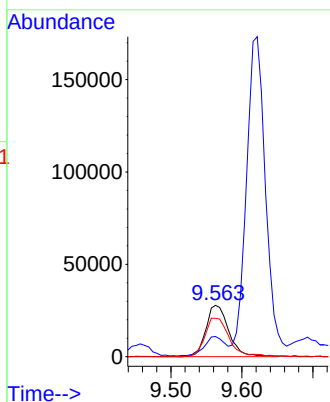
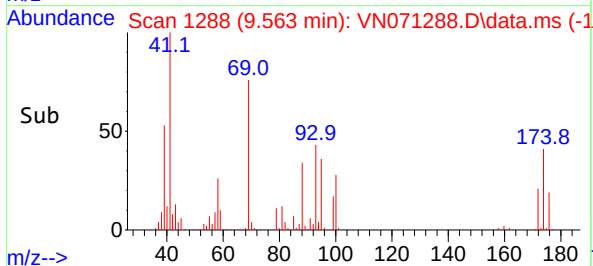
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



Tgt Ion: 88 Resp: 61880
Ion Ratio Lower Upper
88 100
43 33.7 23.4 35.2
58 80.7 50.6 75.8

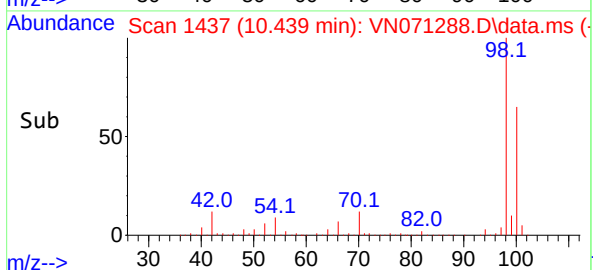
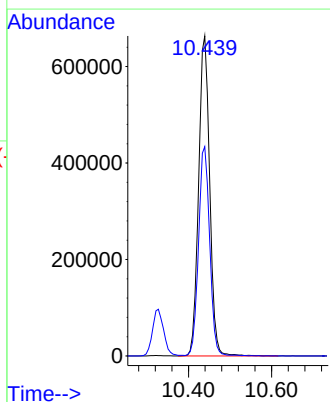
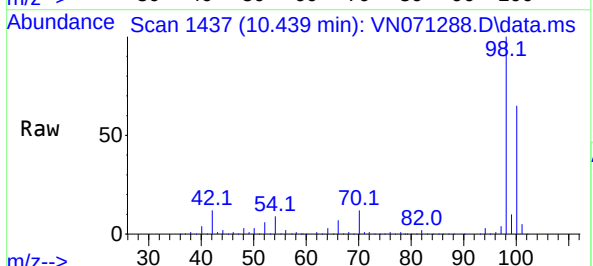
Manual Integrations
APPROVED

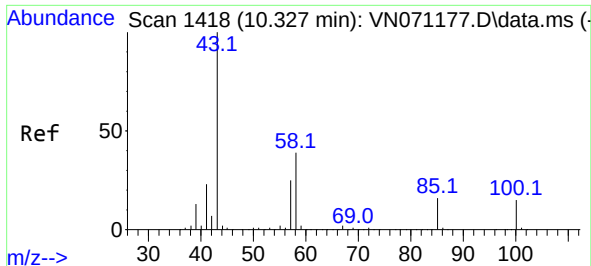
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#50
Toluene-d8
Concen: 55.628 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Tgt Ion: 98 Resp: 1226349
Ion Ratio Lower Upper
98 100
100 66.1 50.4 75.6





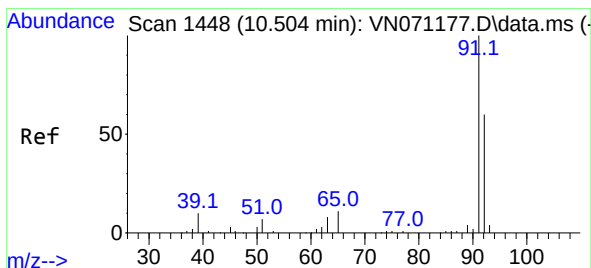
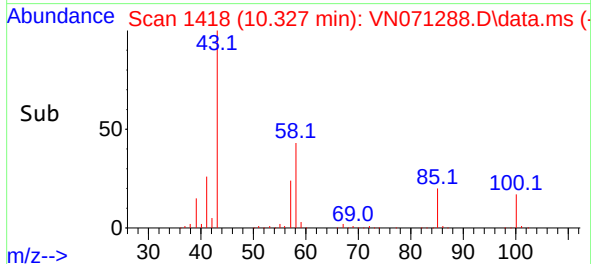
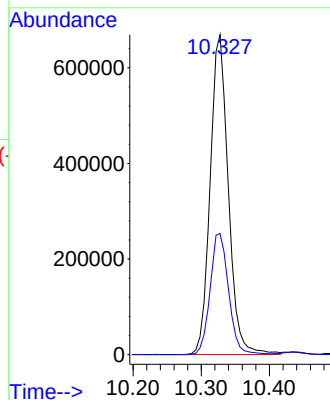
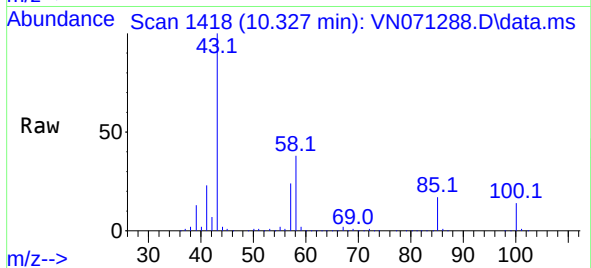
#51
4-Methyl-2-Pentanone
Concen: 110.627 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01

Tgt Ion: 43 Resp: 123956
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

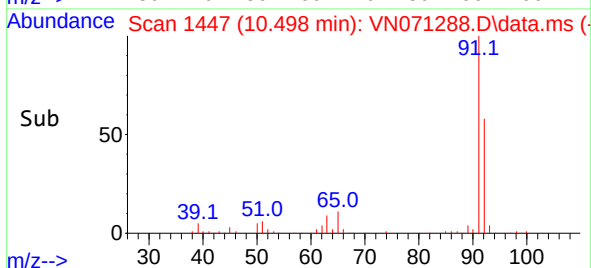
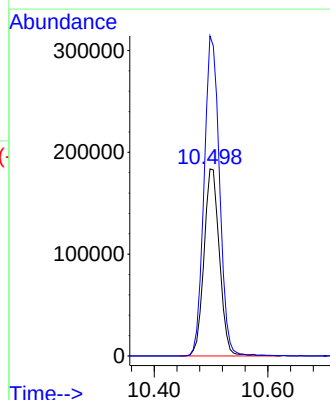
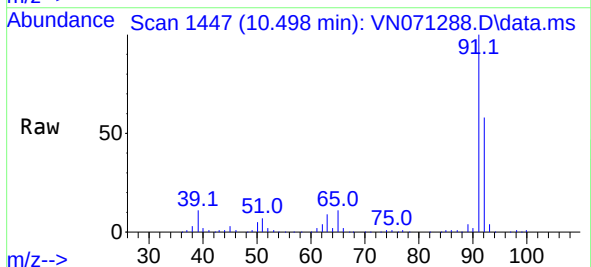
Manual Integrations
APPROVED

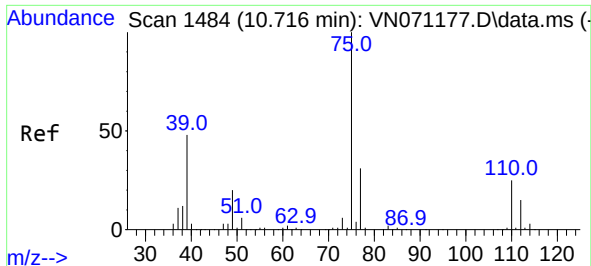
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#52
Toluene
Concen: 21.234 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

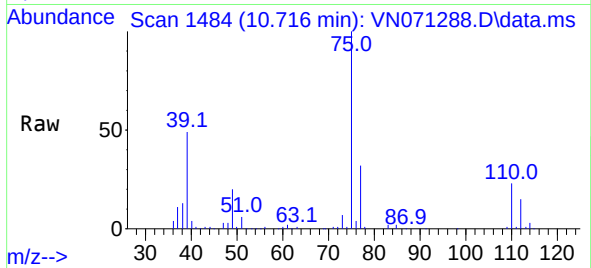
Tgt Ion: 92 Resp: 345599
Ion Ratio Lower Upper
92 100
91 171.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 21.929 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

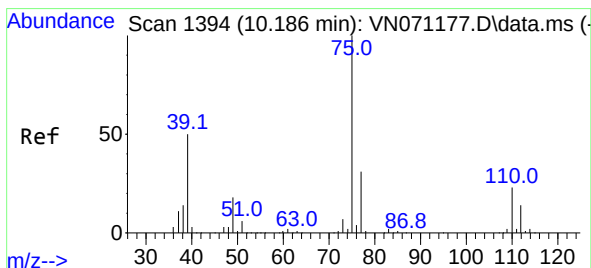
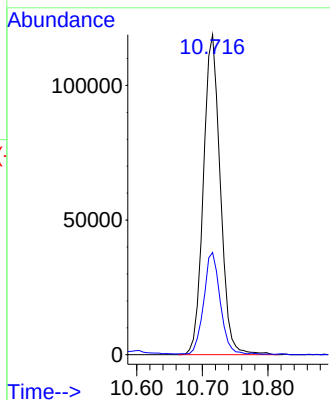
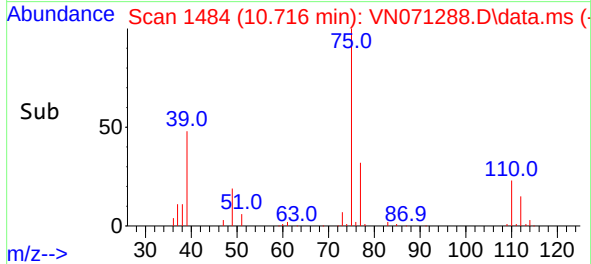
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



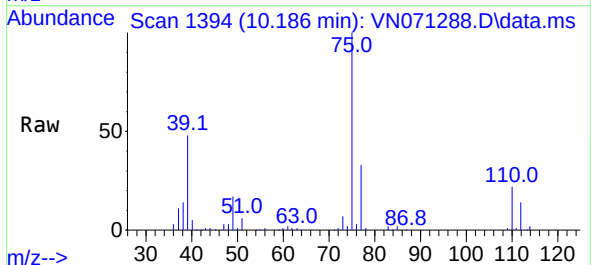
Tgt Ion: 75 Resp: 213340
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

Manual Integrations
APPROVED

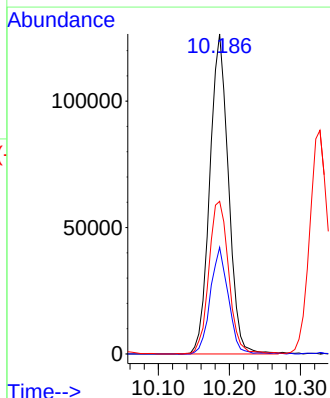
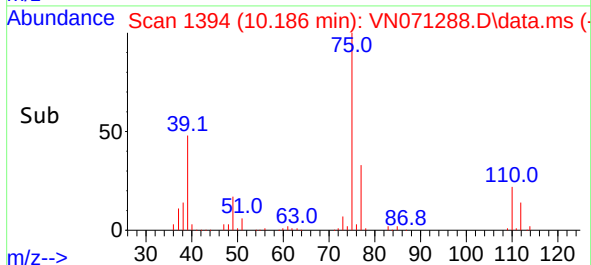
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

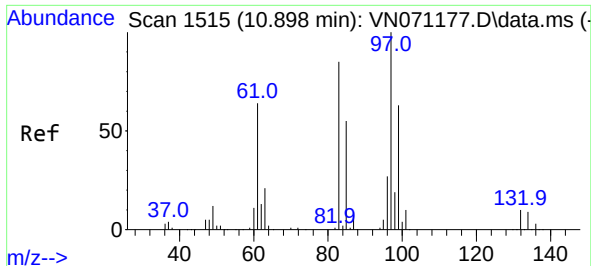


#54
cis-1,3-Dichloropropene
Concen: 21.715 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



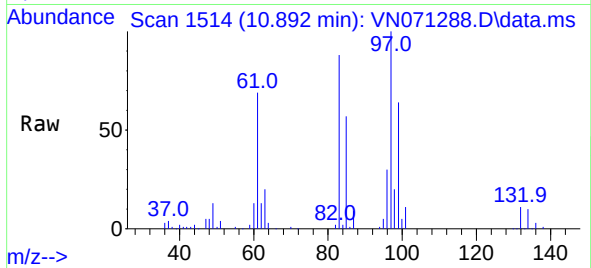
Tgt Ion: 75 Resp: 230834
Ion Ratio Lower Upper
75 100
77 33.3 26.4 39.6
39 47.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 21.823 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

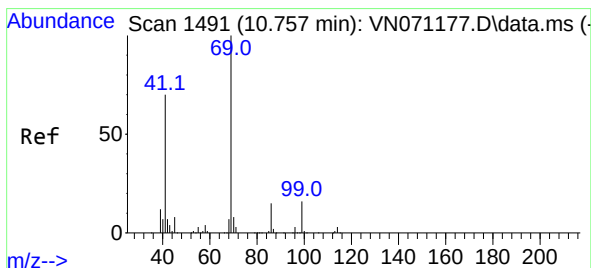
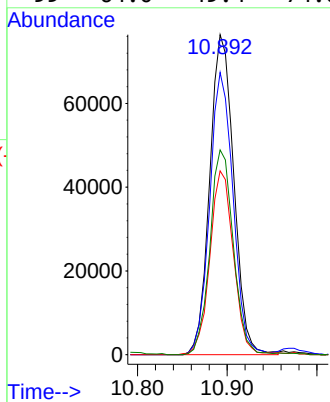
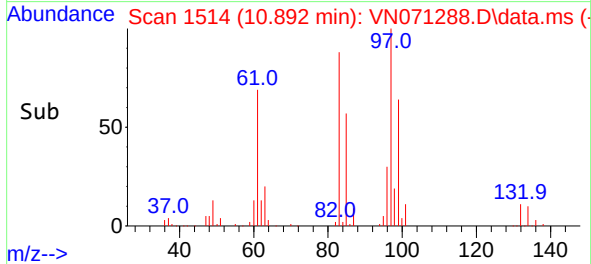
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



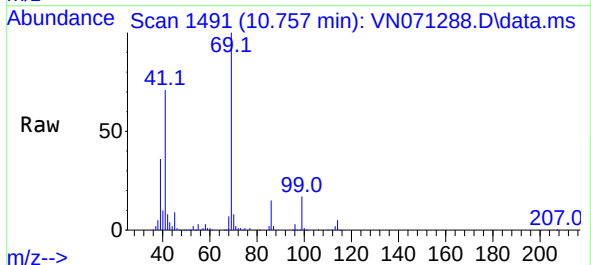
Tgt Ion: 97 Resp: 142330
Ion Ratio Lower Upper
97 100
83 88.2 67.8 101.6
85 57.5 45.4 68.2
99 64.0 49.4 74.0

Manual Integrations
APPROVED

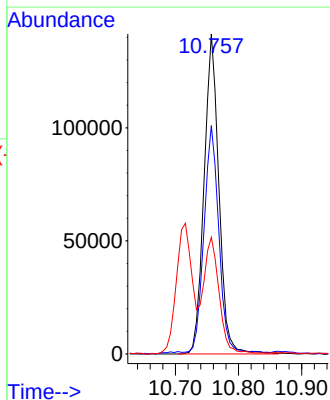
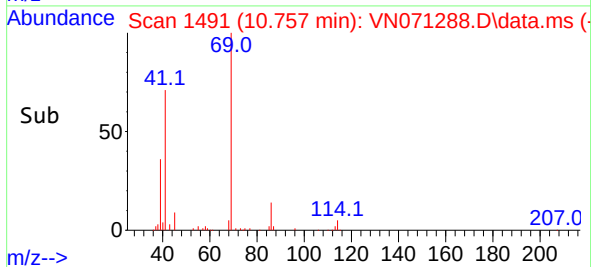
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

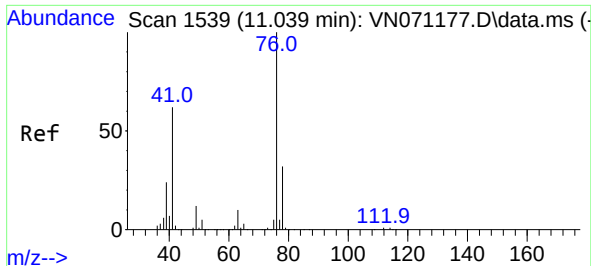


#56
Ethyl methacrylate
Concen: 21.685 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



Tgt Ion: 69 Resp: 230968
Ion Ratio Lower Upper
69 100
41 70.5 51.4 77.0
39 38.3 34.6 52.0





#57

1,3-Dichloropropane

Concen: 22.031 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071288.D

Acq: 15 Mar 2022 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0315MBS01

Tgt Ion: 76 Resp: 25791

Ion Ratio Lower Upper

76 100

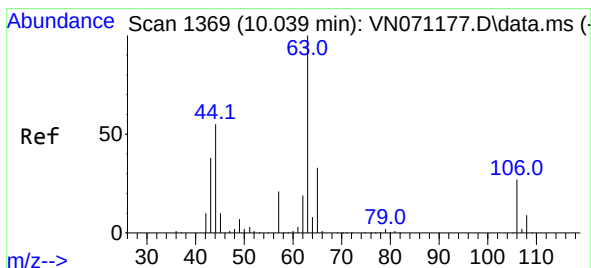
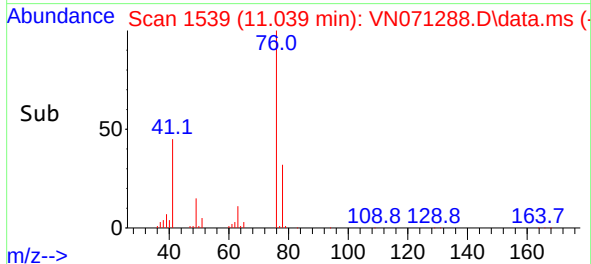
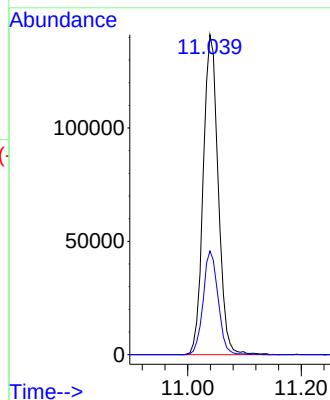
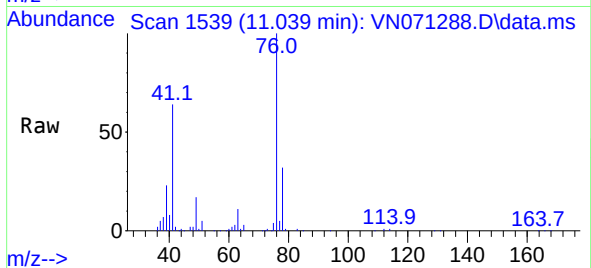
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 150.564 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071288.D

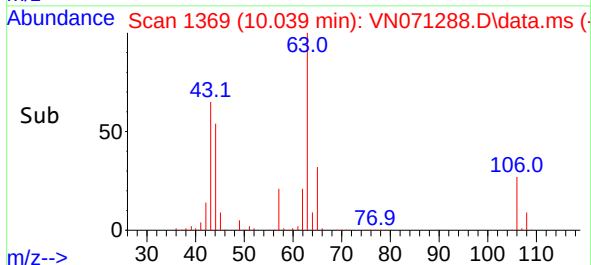
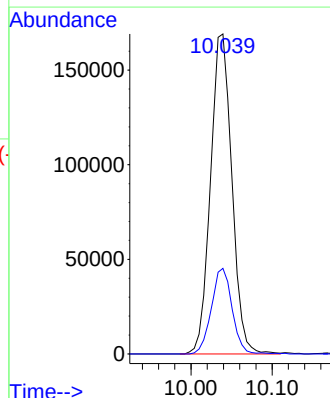
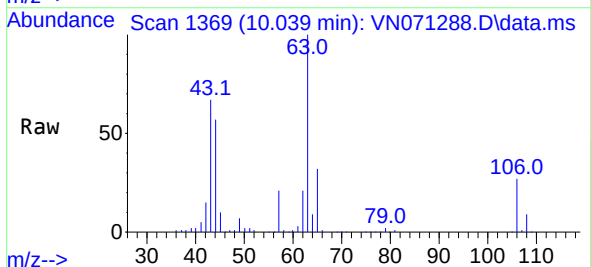
Acq: 15 Mar 2022 13:39

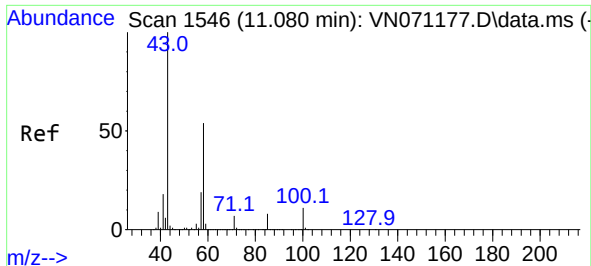
Tgt Ion: 63 Resp: 309003

Ion Ratio Lower Upper

63 100

106 26.0 23.9 35.9





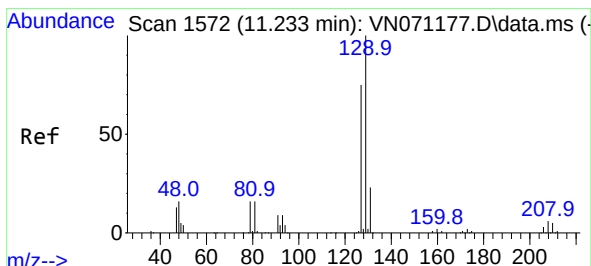
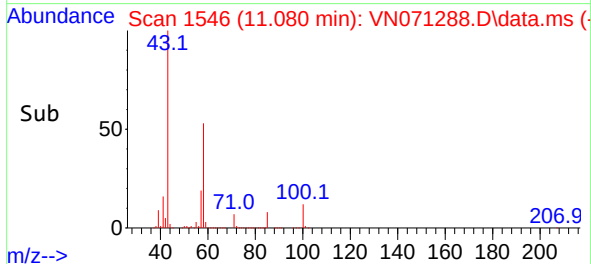
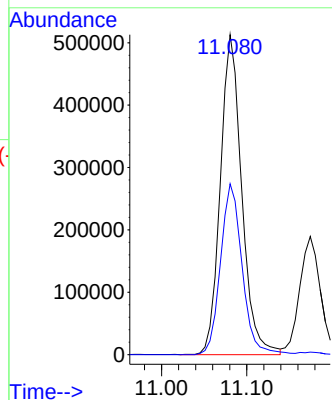
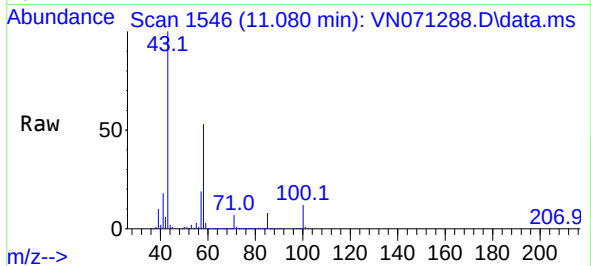
#59
2-Hexanone
Concen: 117.185 ug/l
RT: 11.080 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01

Tgt Ion: 43 Resp: 895908
Ion Ratio Lower Upper
43 100
58 54.0 26.9 80.7

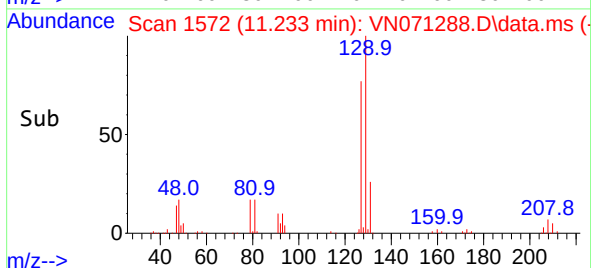
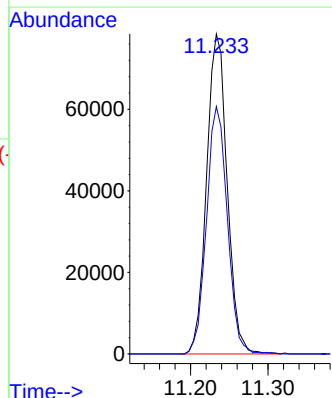
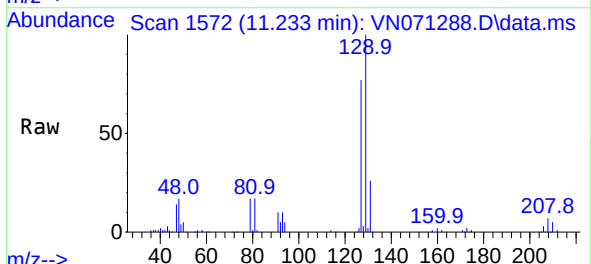
Manual Integrations
APPROVED

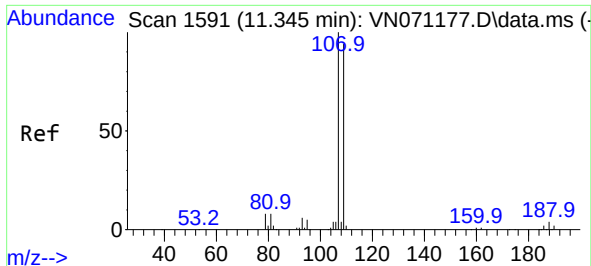
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#60
Dibromochloromethane
Concen: 22.331 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

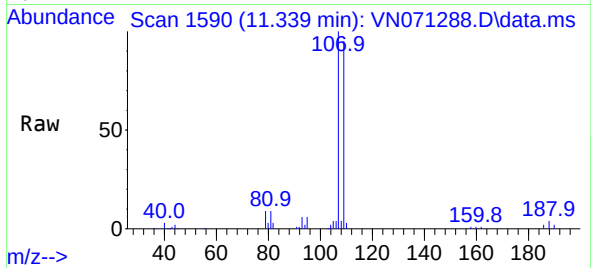
Tgt Ion:129 Resp: 144708
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.494 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

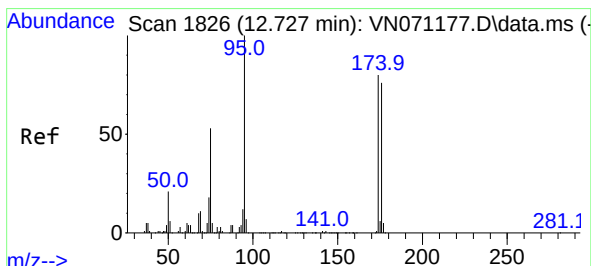
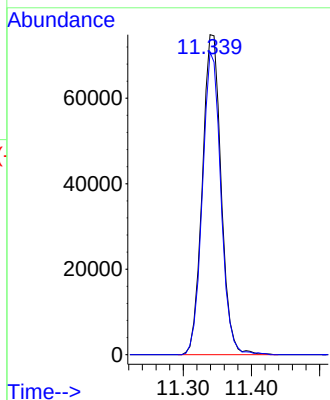
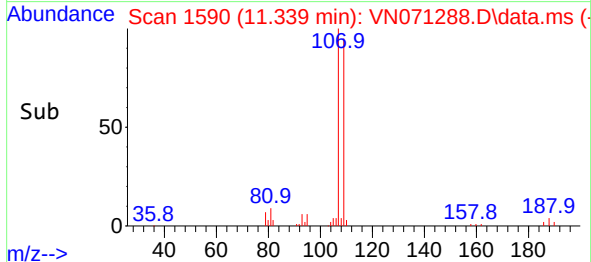
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



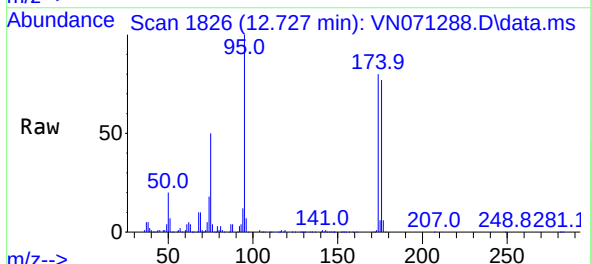
Tgt Ion:107 Resp: 143275
Ion Ratio Lower Upper
107 100
109 92.8 75.7 113.5

Manual Integrations
APPROVED

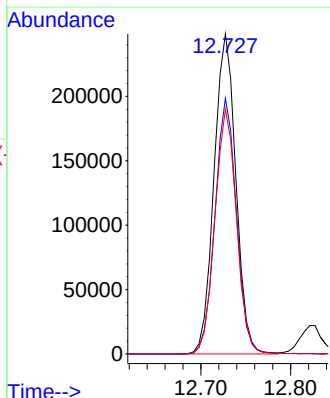
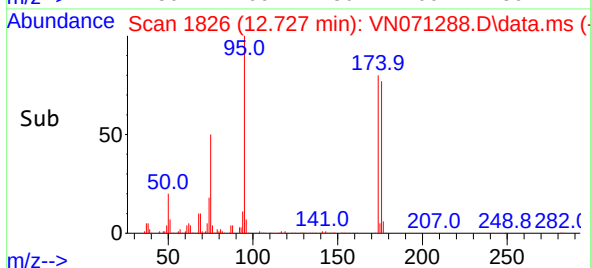
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

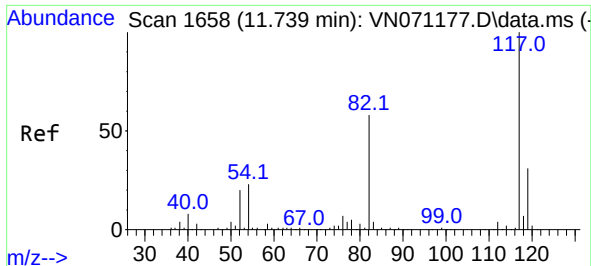


#62
4-Bromofluorobenzene
Concen: 56.118 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



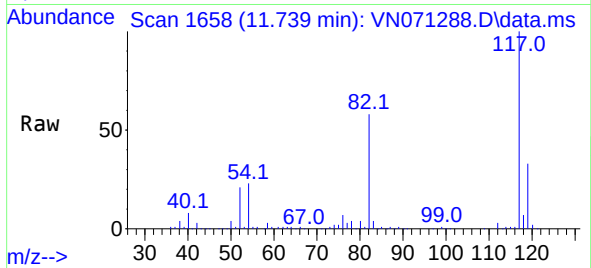
Tgt Ion: 95 Resp: 418930
Ion Ratio Lower Upper
95 100
174 78.6 0.0 187.2
176 75.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

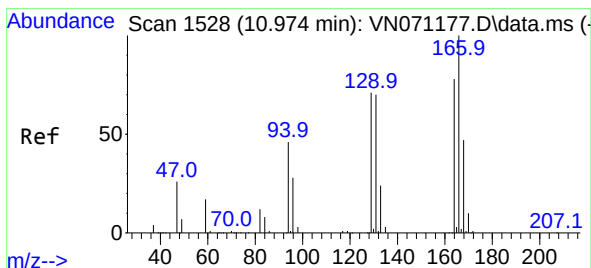
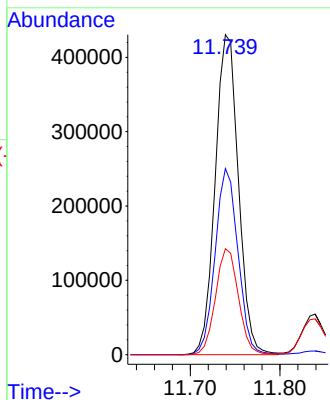
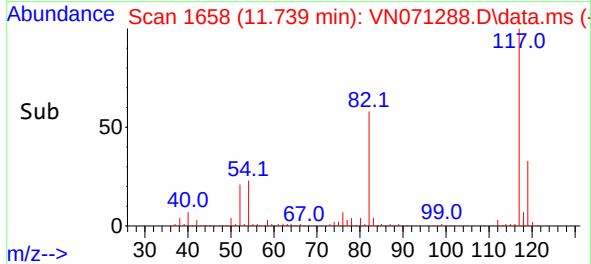
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



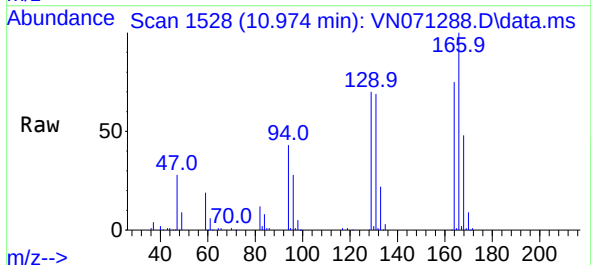
Tgt Ion:117 Resp: 775394
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 33.1 25.4 38.2

Manual Integrations
APPROVED

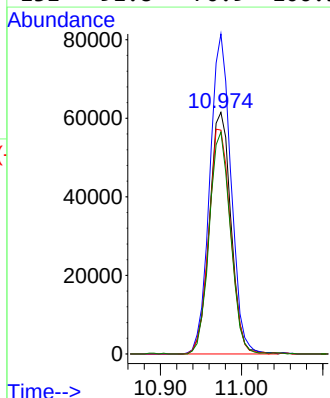
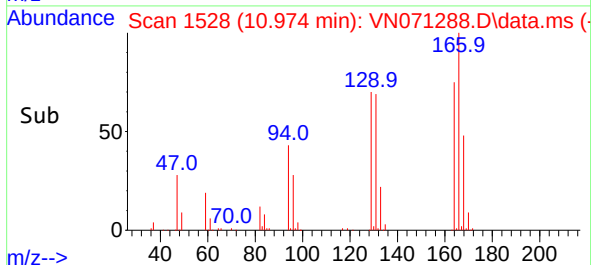
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

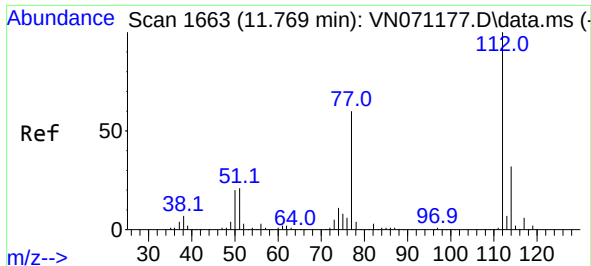


#64
Tetrachloroethene
Concen: 21.005 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



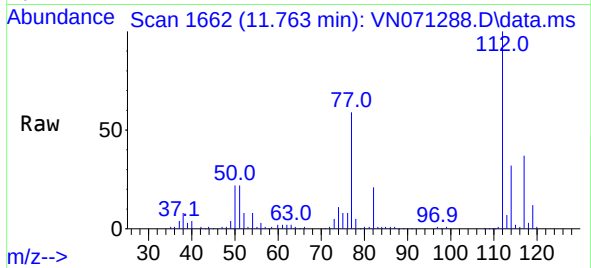
Tgt Ion:164 Resp: 113591
Ion Ratio Lower Upper
164 100
166 132.5 101.9 152.9
129 92.7 72.0 108.0
131 91.8 70.9 106.3





#65
Chlorobenzene
Concen: 21.724 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

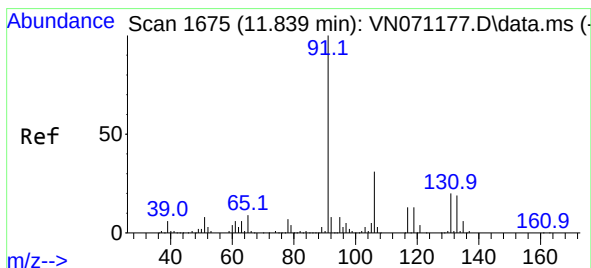
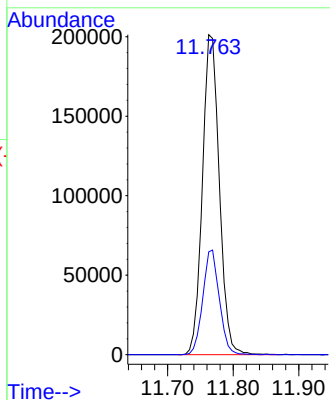
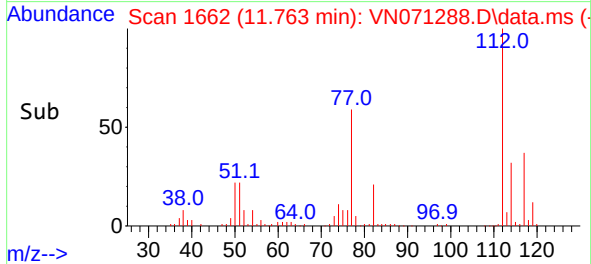
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



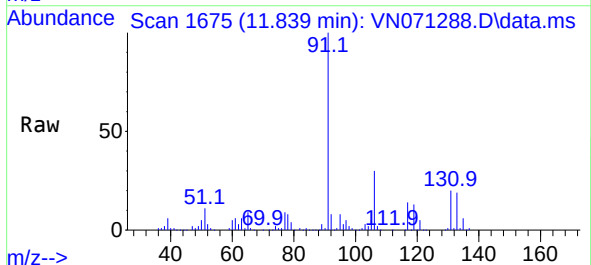
Tgt Ion:112 Resp: 361750
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

Manual Integrations
APPROVED

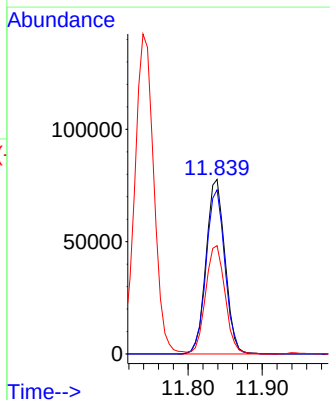
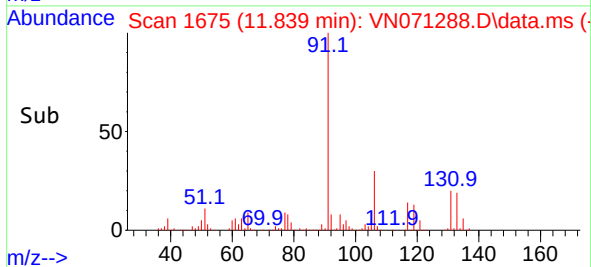
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

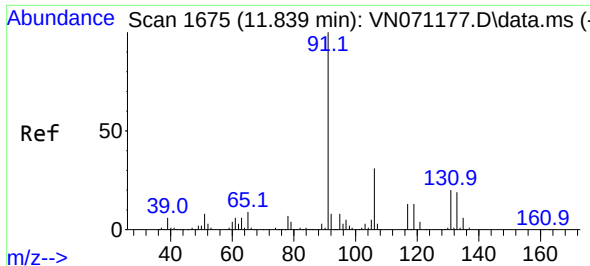


#66
1,1,1,2-Tetrachloroethane
Concen: 22.524 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



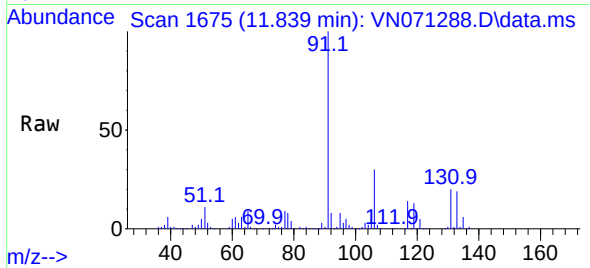
Tgt Ion:131 Resp: 137528
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.7
119 64.0 32.1 96.5





#67
Ethyl Benzene
Concen: 21.927 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

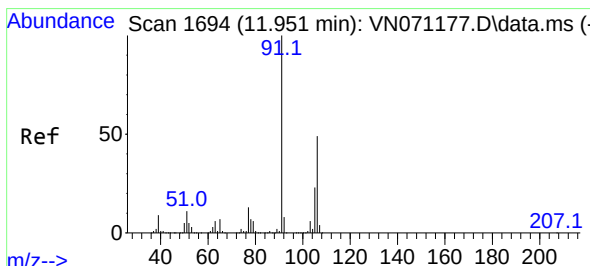
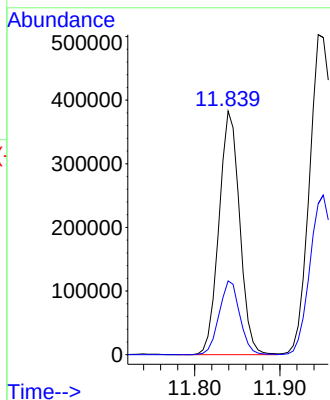
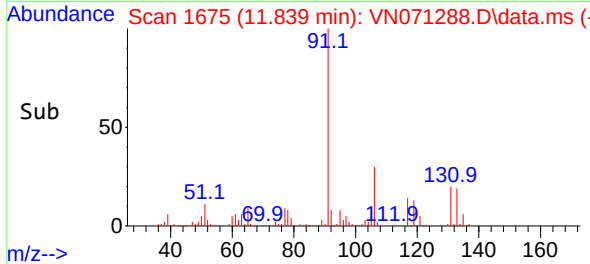
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



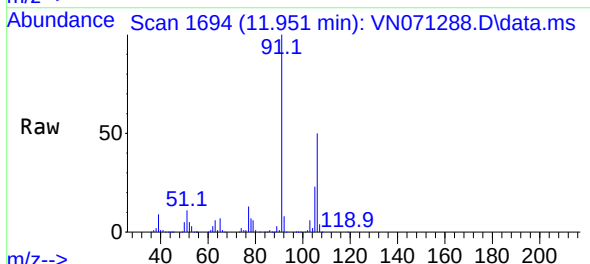
Tgt Ion: 91 Resp: 645580
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

Manual Integrations
APPROVED

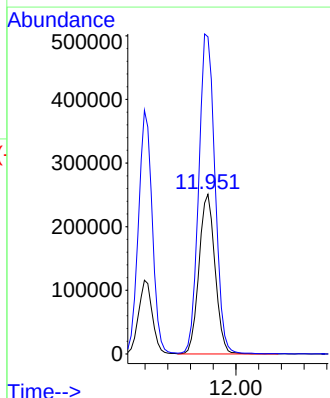
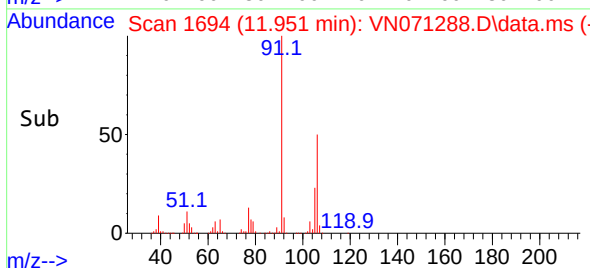
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

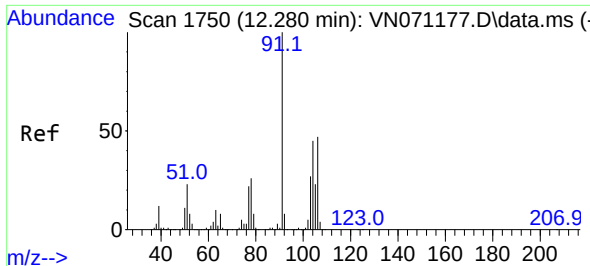


#68
m/p-Xylenes
Concen: 45.519 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



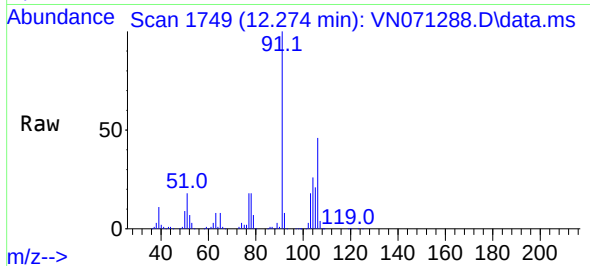
Tgt Ion:106 Resp: 490287
Ion Ratio Lower Upper
106 100
91 203.4 160.6 240.8





#69
o-Xylene
Concen: 22.361 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

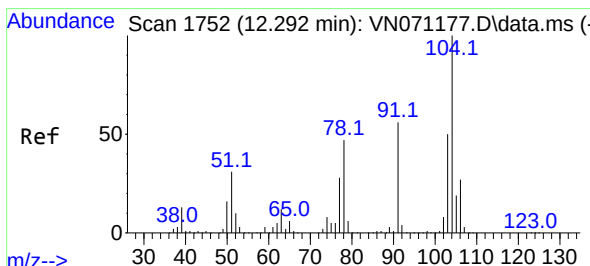
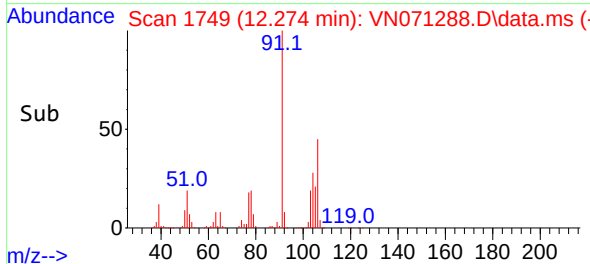
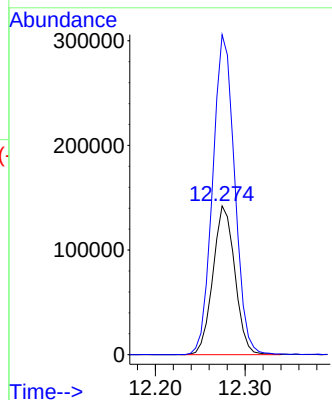
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



Tgt Ion:106 Resp: 24143
Ion Ratio Lower Upper
106 100
91 216.1 105.8 317.3

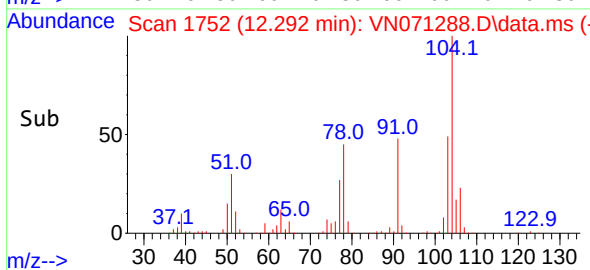
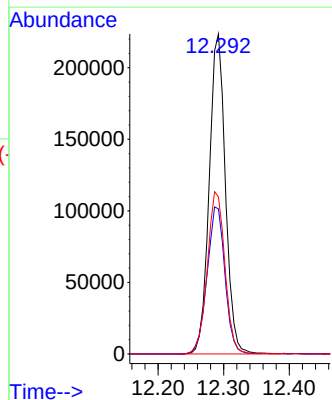
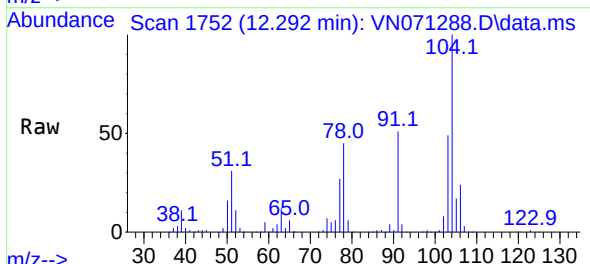
Manual Integrations
APPROVED

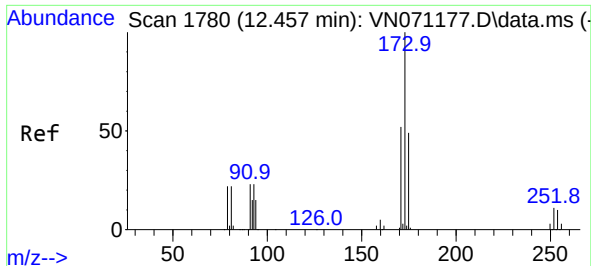
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#70
Styrene
Concen: 23.050 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

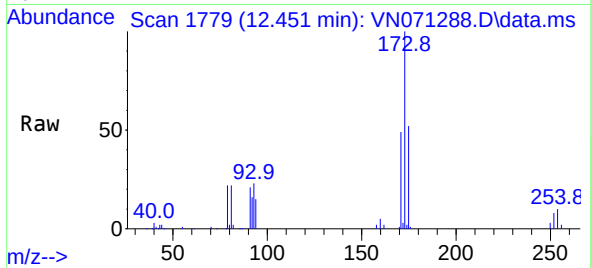
Tgt Ion:104 Resp: 385230
Ion Ratio Lower Upper
104 100
78 50.7 38.7 58.1
103 55.0 45.0 67.6





#71
Bromoform
Concen: 23.663 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

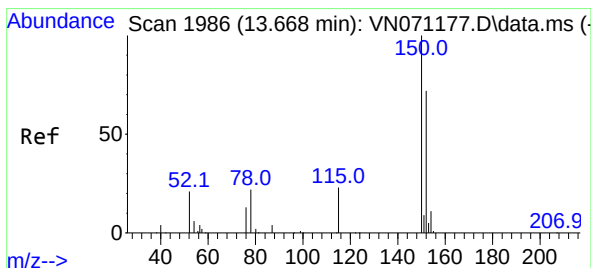
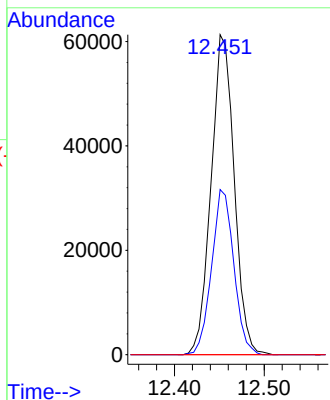
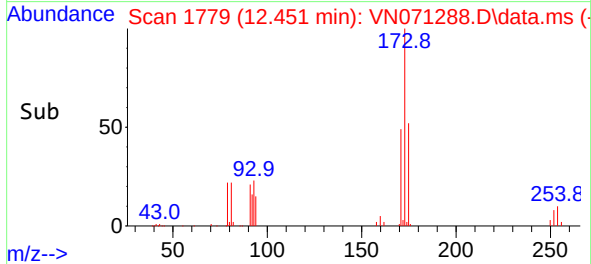
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



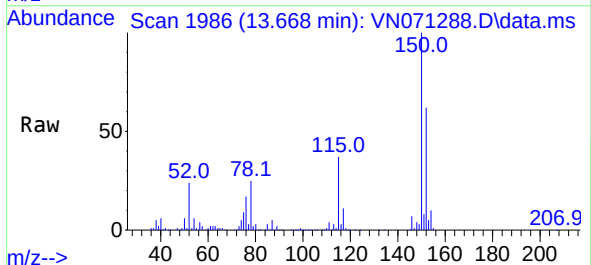
Tgt Ion:173 Resp: 109725
Ion Ratio Lower Upper
173 100
175 49.6 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

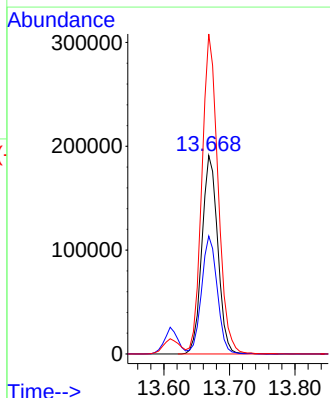
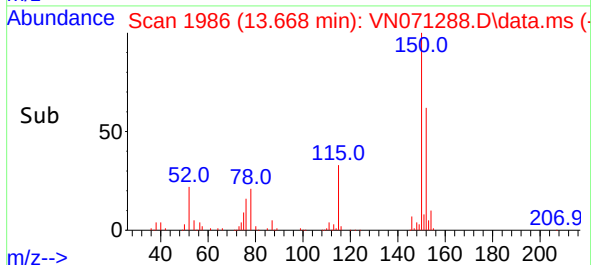
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

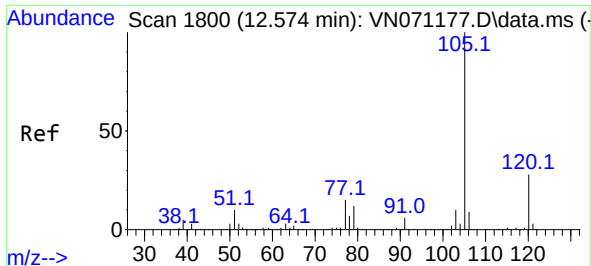


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



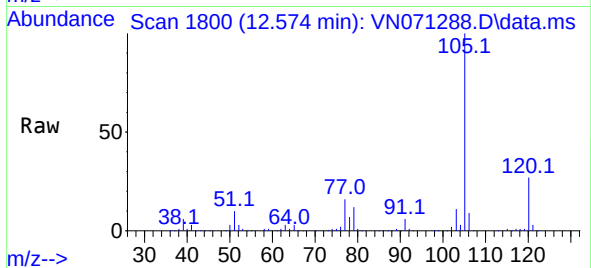
Tgt Ion:152 Resp: 321265
Ion Ratio Lower Upper
152 100
115 59.0 27.5 82.5
150 164.4 0.0 344.4





#73
Isopropylbenzene
Concen: 19.819 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

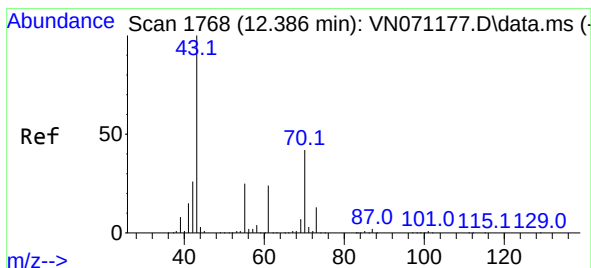
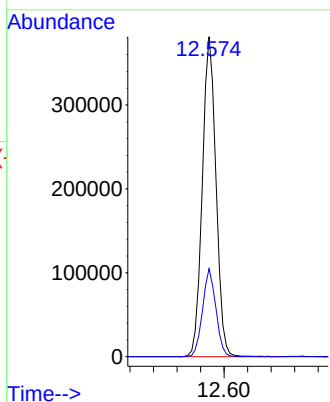
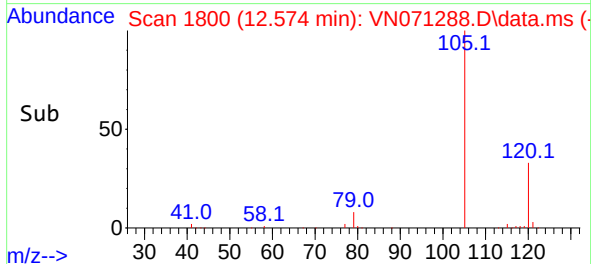
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



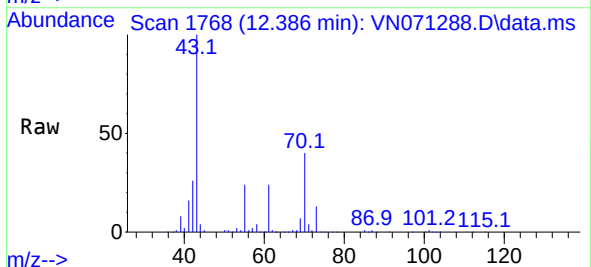
Tgt Ion:105 Resp: 613780
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

Manual Integrations
APPROVED

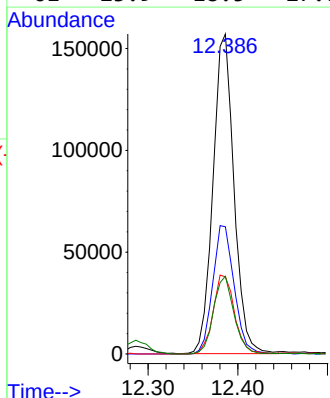
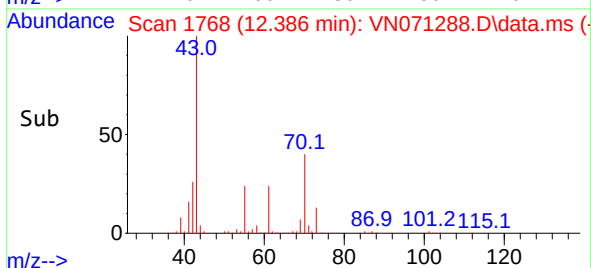
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

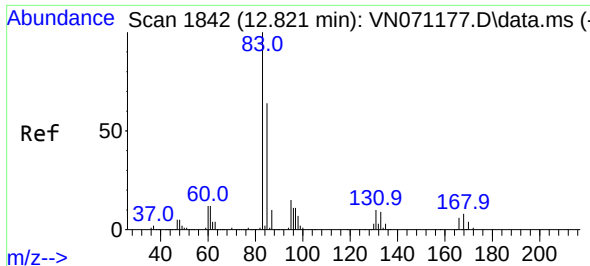


#74
N-ethyl acetate
Concen: 21.850 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



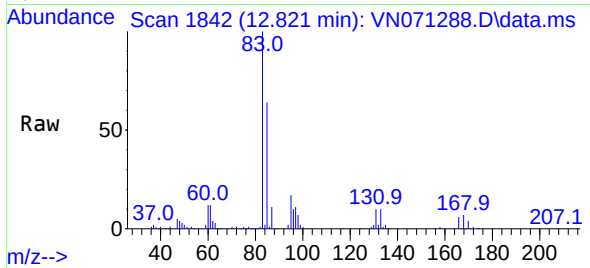
Tgt Ion: 43 Resp: 254436
Ion Ratio Lower Upper
43 100
70 41.2 33.4 50.0
55 25.3 19.3 28.9
61 23.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 23.199 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

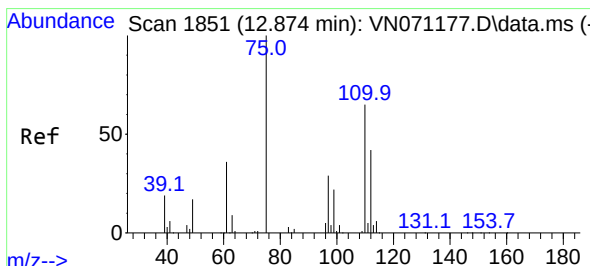
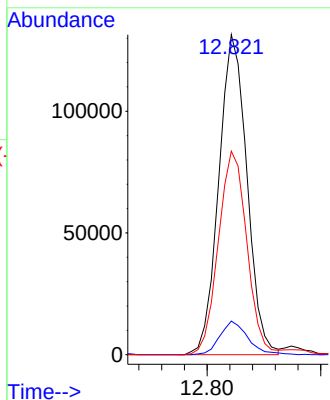
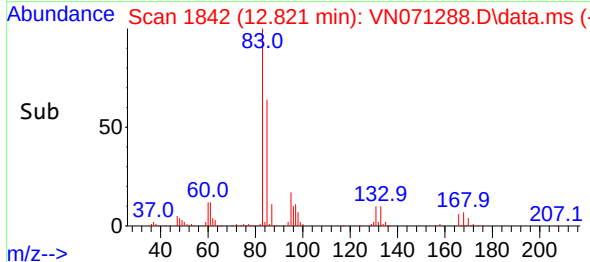
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



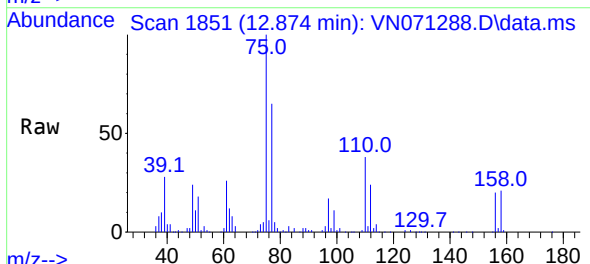
Tgt Ion: 83 Resp: 226138
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.5
85 64.3 32.4 97.2

Manual Integrations
APPROVED

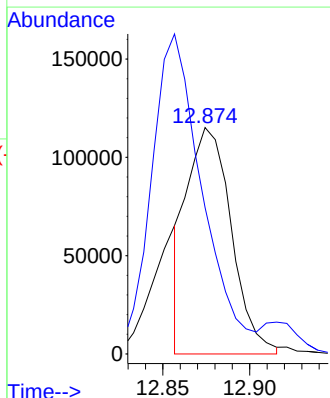
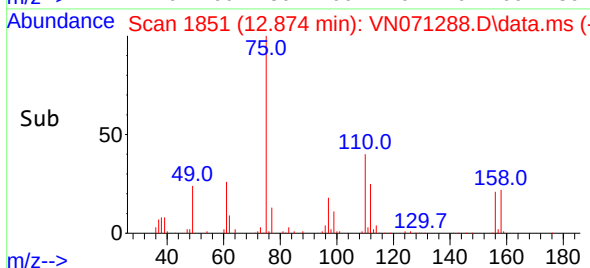
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

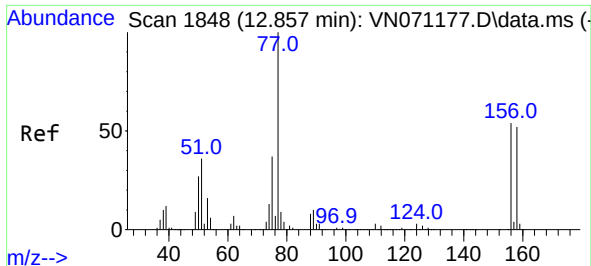


#76
1,2,3-Trichloropropane
Concen: 24.830 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



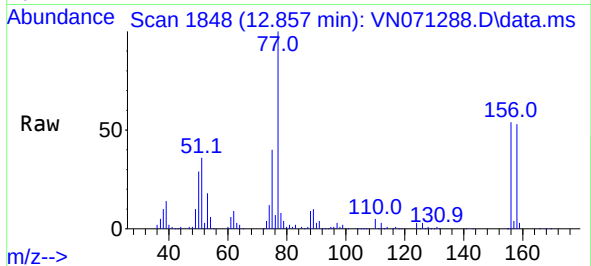
Tgt Ion: 75 Resp: 204401
Ion Ratio Lower Upper
75 100
77 162.5 82.6 247.8





#77
Bromobenzene
Concen: 20.052 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

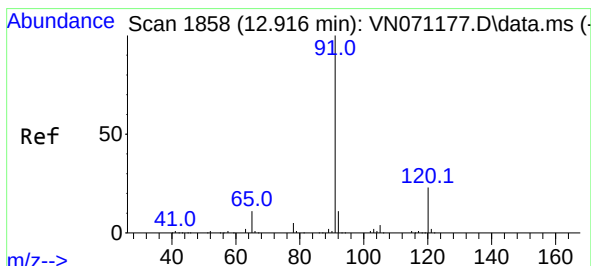
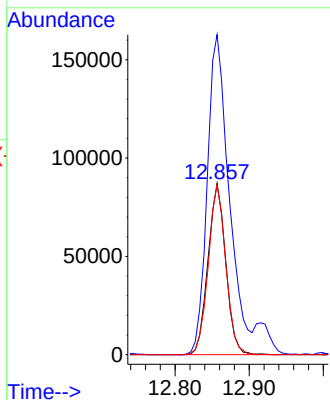
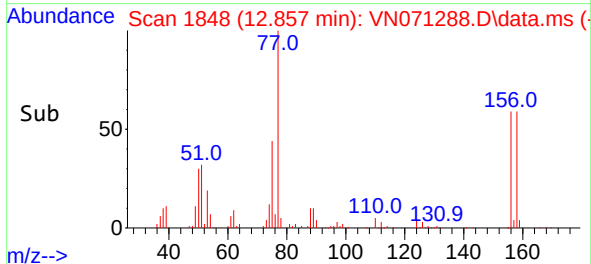
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



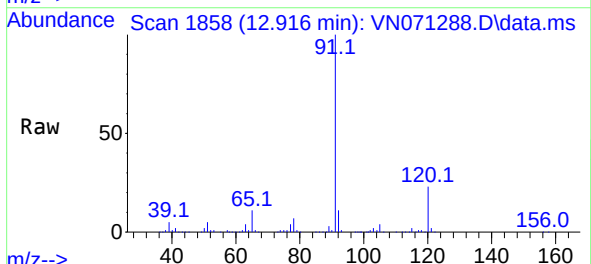
Tgt Ion:156 Resp: 144809
Ion Ratio Lower Upper
156 100
77 229.3 90.6 271.8
158 97.9 48.9 146.7

Manual Integrations
APPROVED

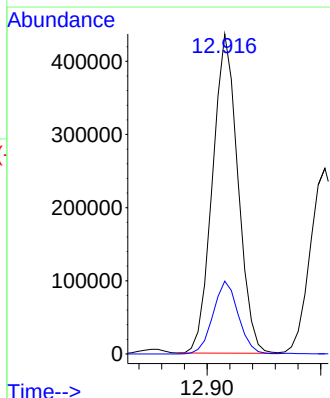
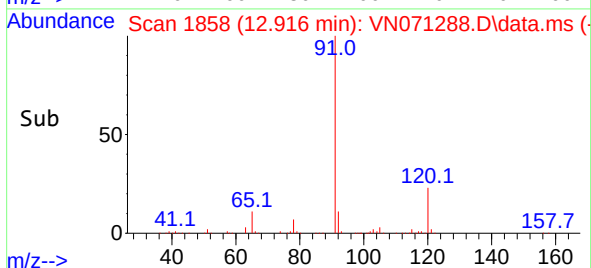
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

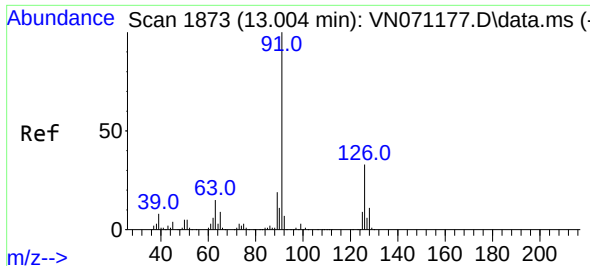


#78
n-propylbenzene
Concen: 20.403 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



Tgt Ion: 91 Resp: 678041
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9





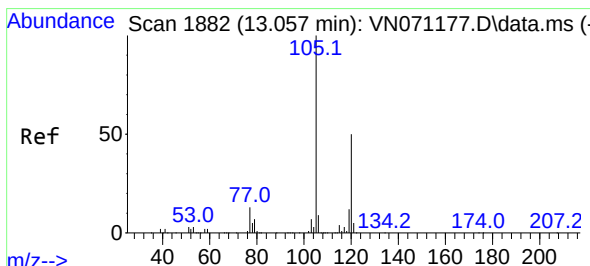
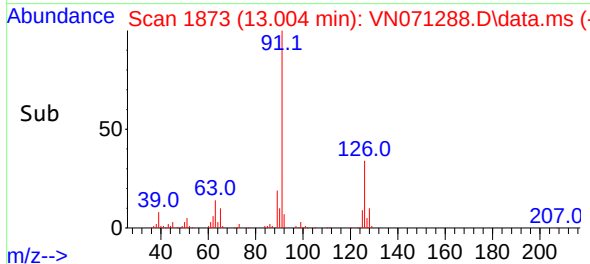
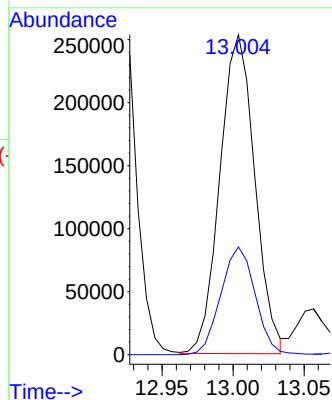
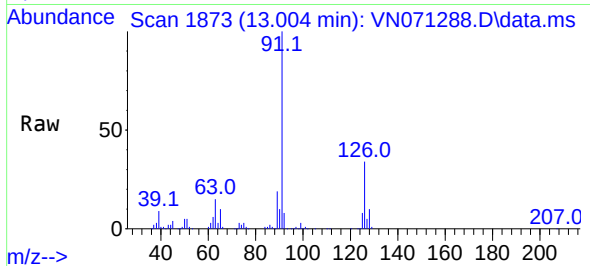
#79
2-Chlorotoluene
Concen: 20.269 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01

Tgt Ion: 91 Resp: 432389
Ion Ratio Lower Upper
91 100
126 33.3 18.3 54.8

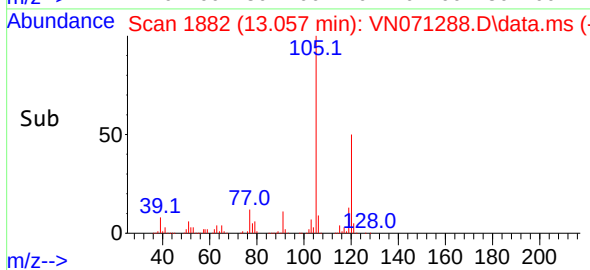
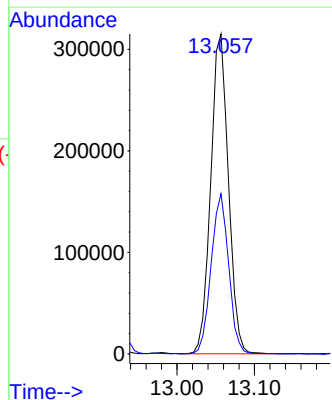
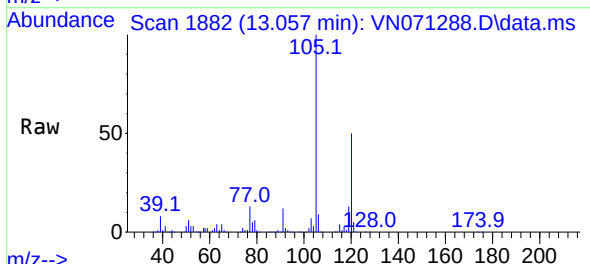
Manual Integrations
APPROVED

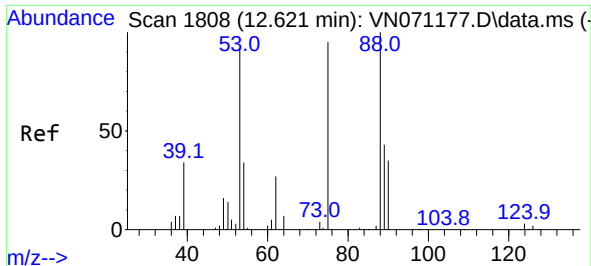
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.705 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Tgt Ion:105 Resp: 498869
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6





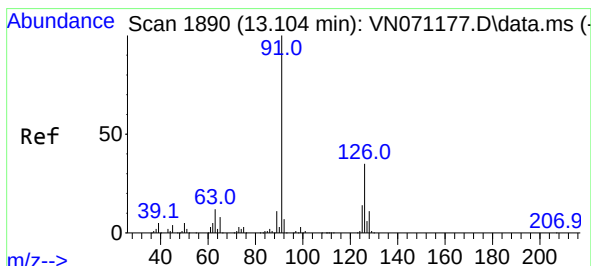
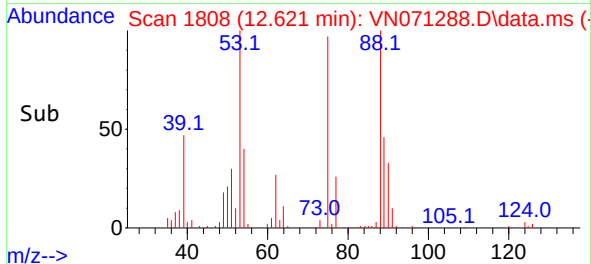
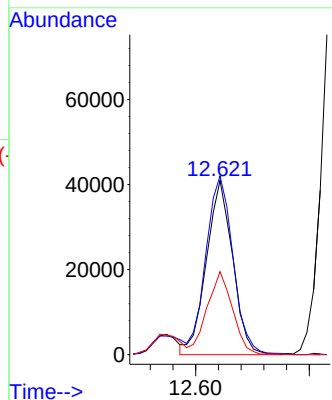
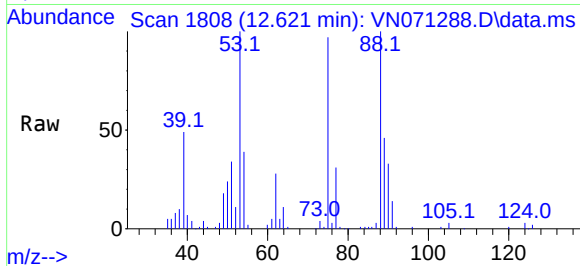
#81
trans-1,4-Dichloro-2-butene
Concen: 22.158 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01

Tgt Ion: 75 Resp: 6585
Ion Ratio Lower Upper
75 100
53 105.6 90.5 135.7
89 46.5 38.2 57.4

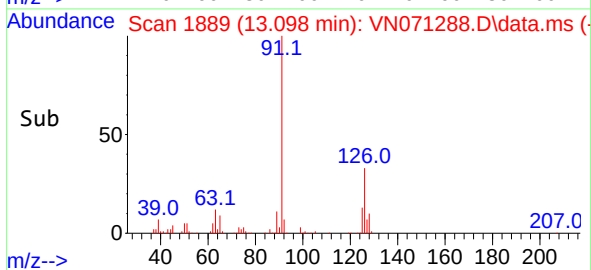
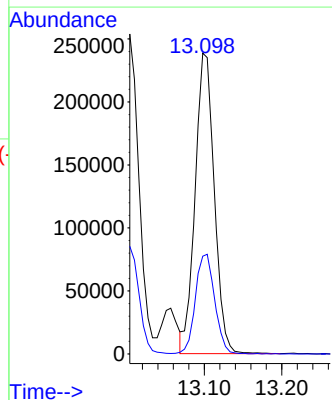
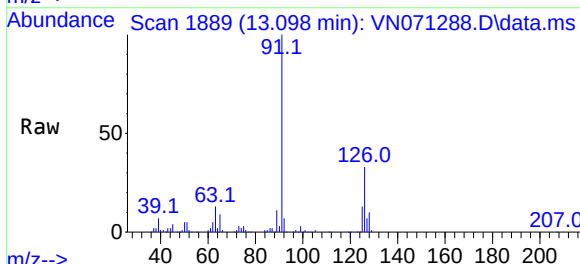
Manual Integrations
APPROVED

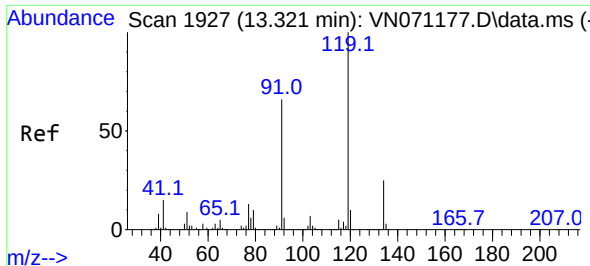
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#82
4-Chlorotoluene
Concen: 21.486 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

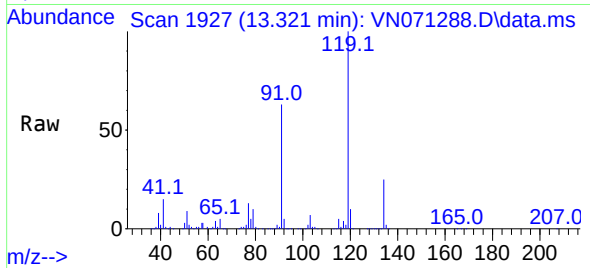
Tgt Ion: 91 Resp: 408270
Ion Ratio Lower Upper
91 100
126 33.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.825 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

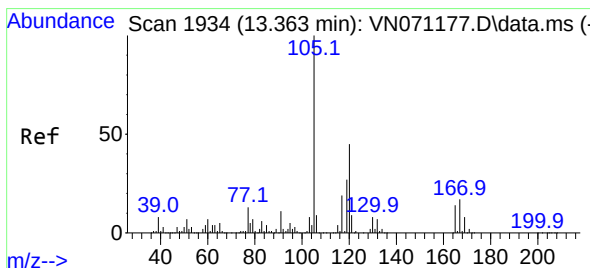
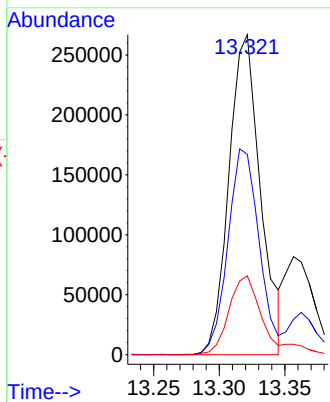
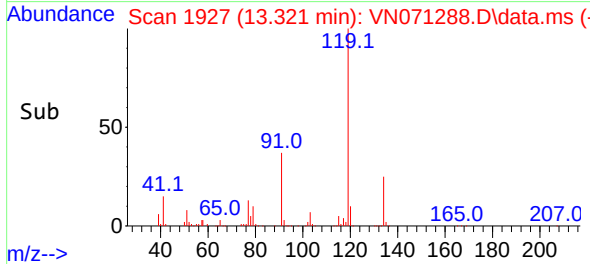
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



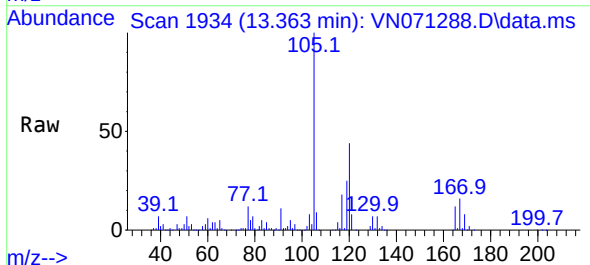
Tgt Ion:119 Resp: 447793
Ion Ratio Lower Upper
119 100
91 63.5 31.5 94.5
134 26.8 12.4 37.4

Manual Integrations
APPROVED

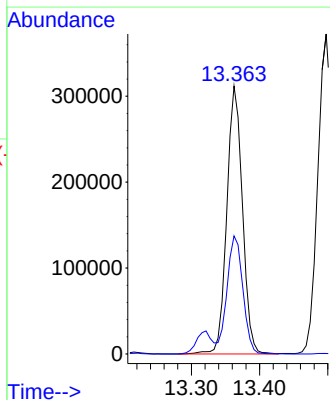
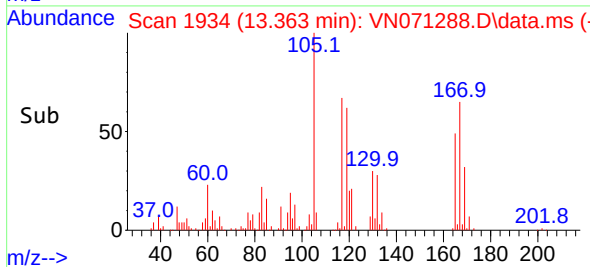
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

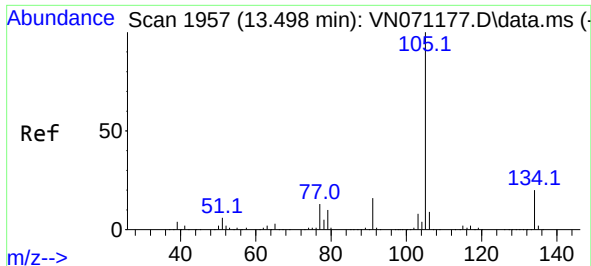


#84
1,2,4-Trimethylbenzene
Concen: 21.590 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



Tgt Ion:105 Resp: 498263
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.4





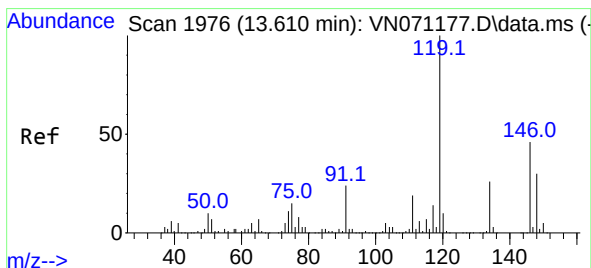
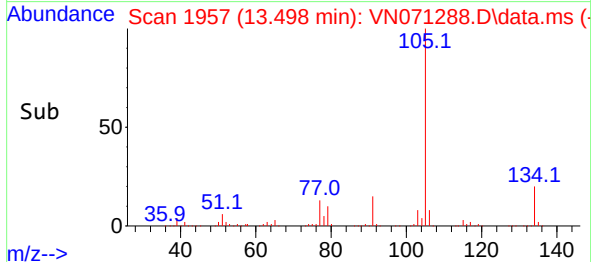
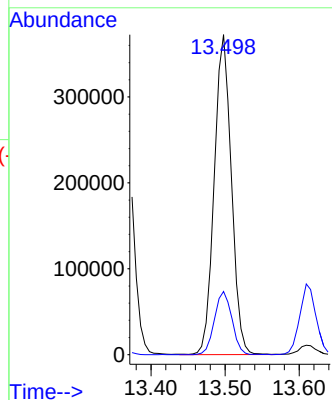
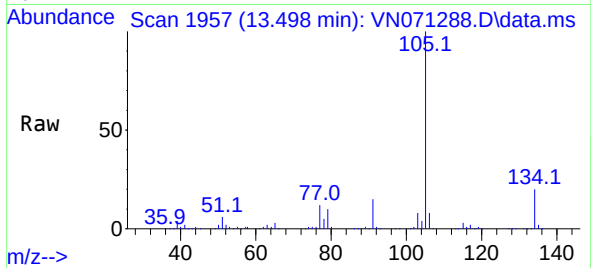
#85
 sec-Butylbenzene
 Concen: 20.904 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071288.D
 Acq: 15 Mar 2022 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315MBS01

Tgt Ion:105 Resp: 59743
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

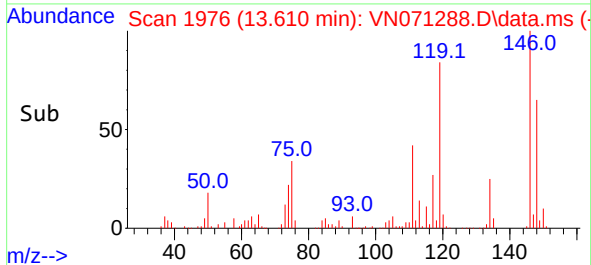
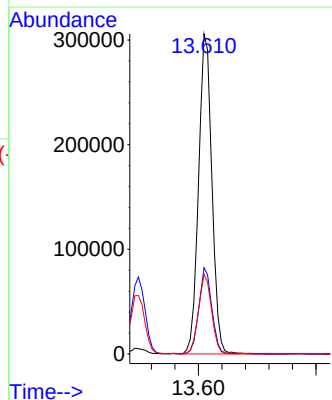
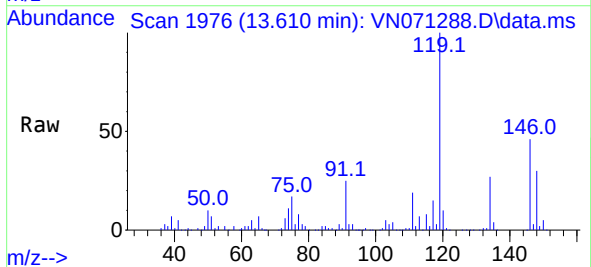
Manual Integrations
 APPROVED

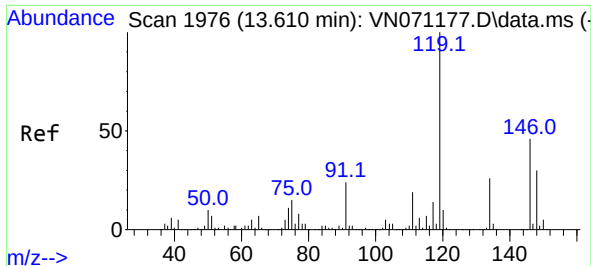
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/16/2022



#86
 p-Isopropyltoluene
 Concen: 21.412 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071288.D
 Acq: 15 Mar 2022 13:39

Tgt Ion:119 Resp: 481267
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 24.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 21.179 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071288.D

Acq: 15 Mar 2022 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0315MBS01

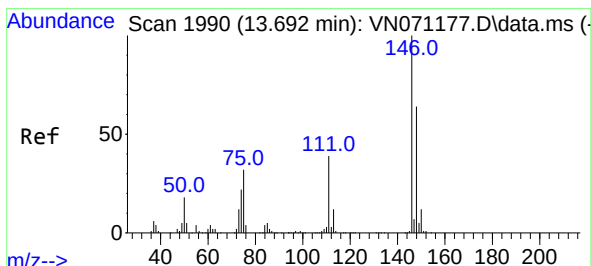
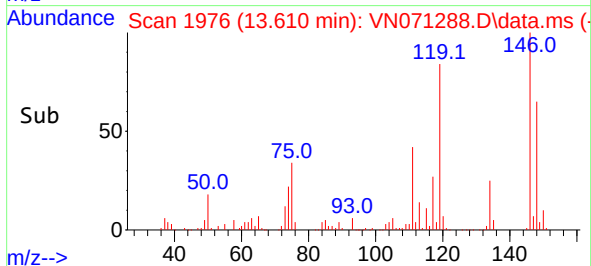
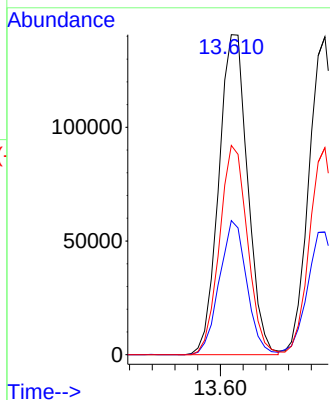
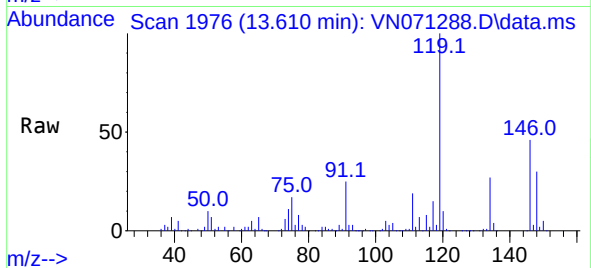
Tgt Ion:146 Resp: 248512
Ion Ratio Lower Upper
146 100
111 39.8 18.6 55.6
148 63.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/16/2022



#88

1,4-Dichlorobenzene

Concen: 20.933 ug/l

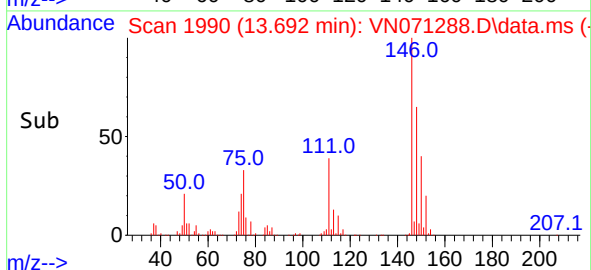
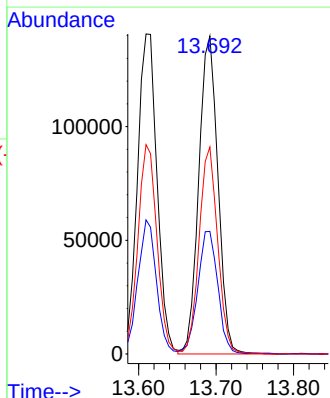
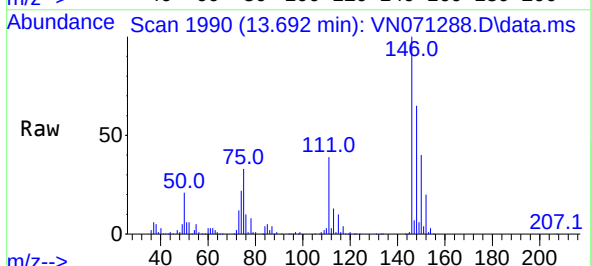
RT: 13.692 min Scan# 1990

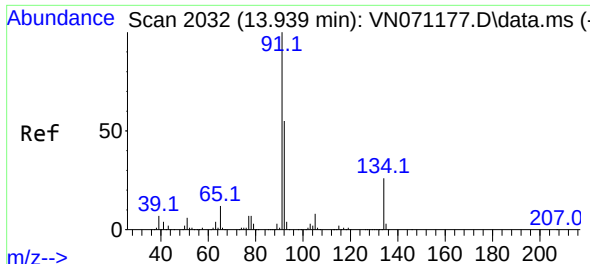
Delta R.T. -0.000 min

Lab File: VN071288.D

Acq: 15 Mar 2022 13:39

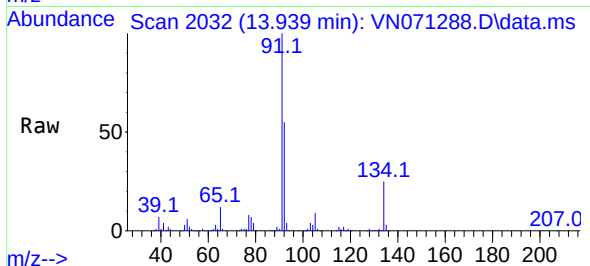
Tgt Ion:146 Resp: 240100
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 63.0 31.8 95.4





#89
n-Butylbenzene
Concen: 20.407 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

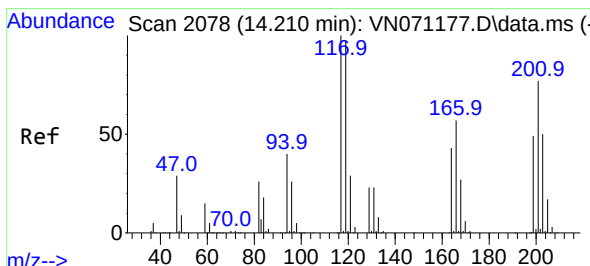
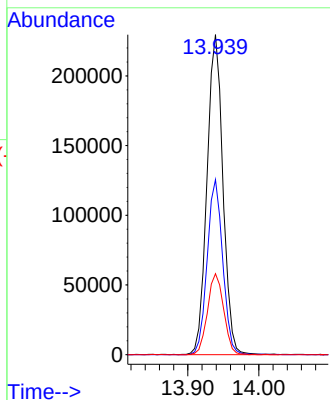
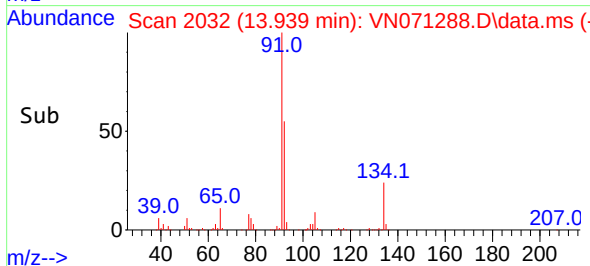
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



Tgt Ion: 91 Resp: 358754
Ion Ratio Lower Upper
91 100
92 53.3 25.4 76.0
134 25.6 13.6 40.8

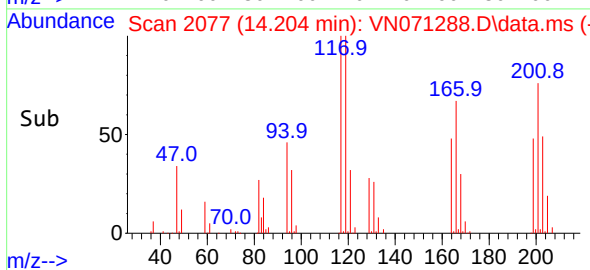
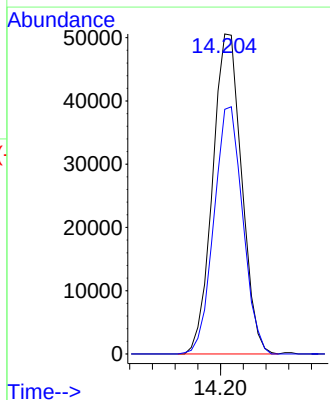
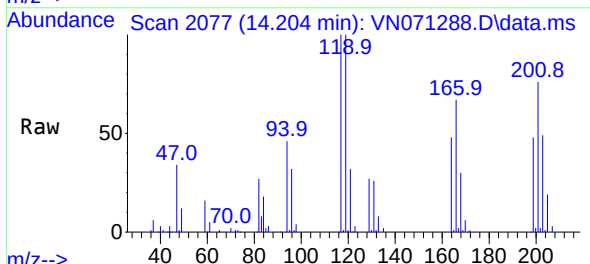
Manual Integrations
APPROVED

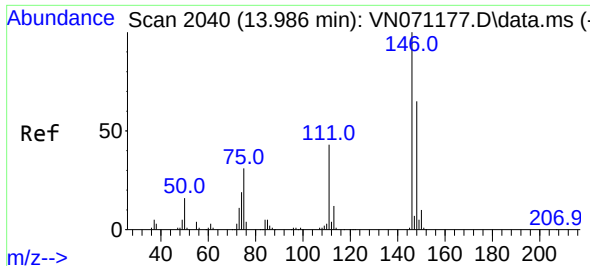
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#90
Hexachloroethane
Concen: 20.077 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

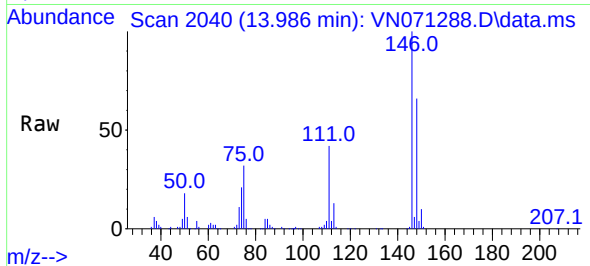
Tgt Ion:117 Resp: 89740
Ion Ratio Lower Upper
117 100
201 76.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 21.498 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

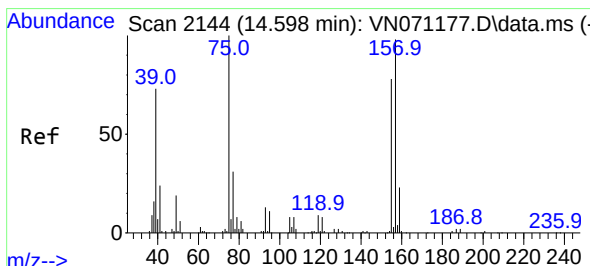
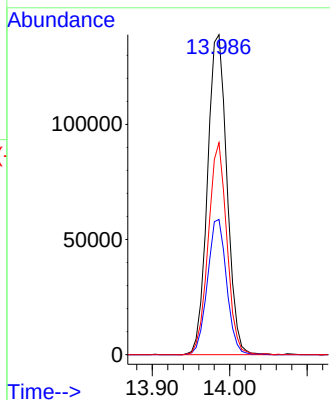
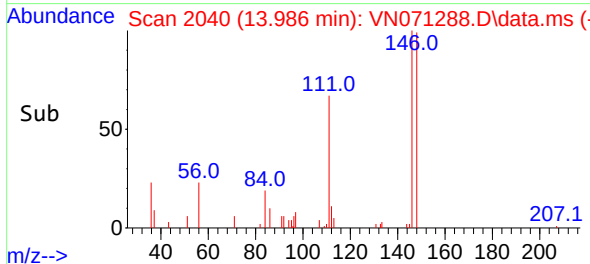
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



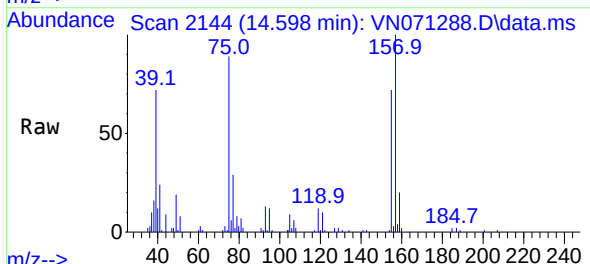
Tgt Ion:146 Resp: 24252
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.3
148 63.3 32.1 96.3

Manual Integrations
APPROVED

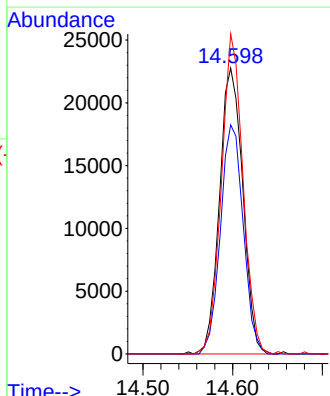
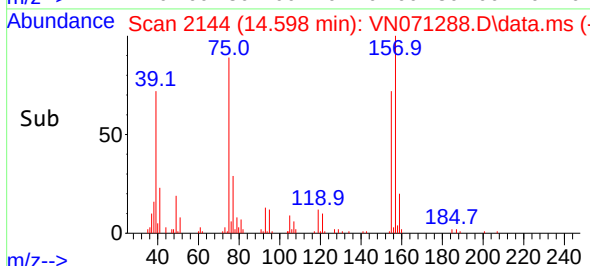
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

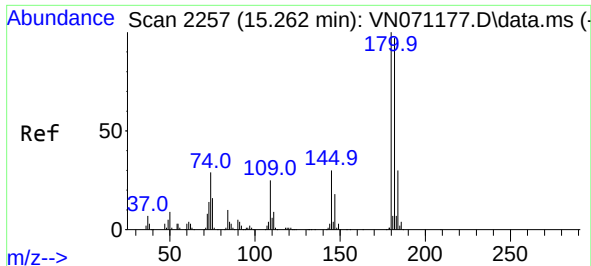


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.740 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



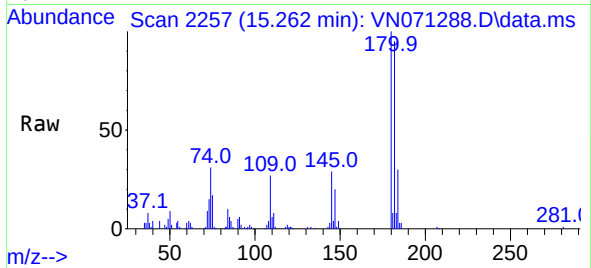
Tgt Ion: 75 Resp: 40975
Ion Ratio Lower Upper
75 100
155 78.5 46.9 140.7
157 104.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 21.654 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

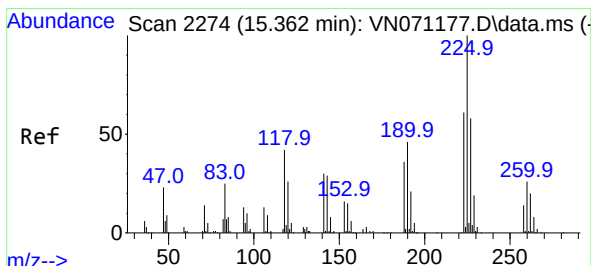
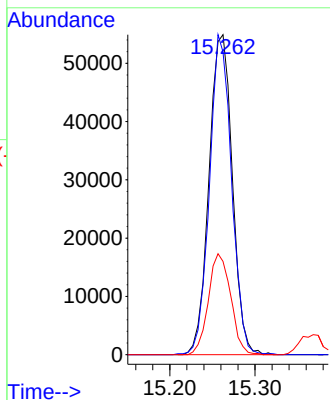
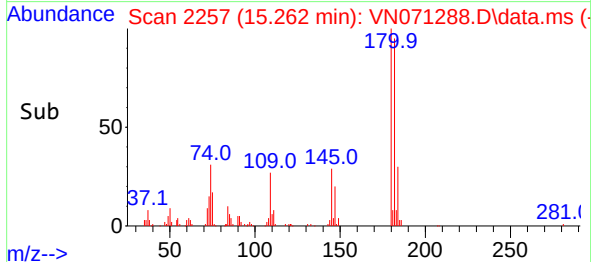
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



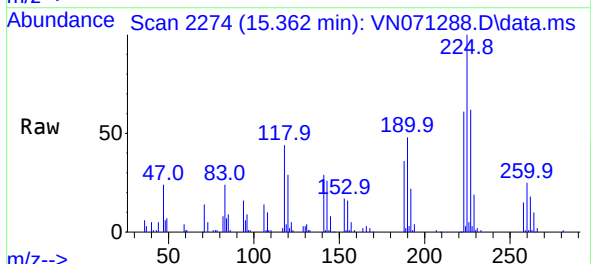
Tgt Ion:180 Resp: 104518
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.9
145 30.3 14.5 43.5

Manual Integrations
APPROVED

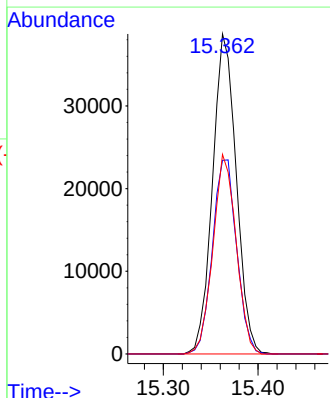
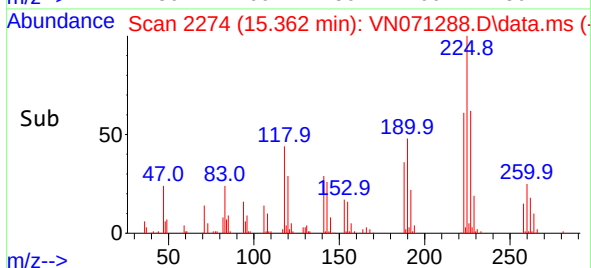
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

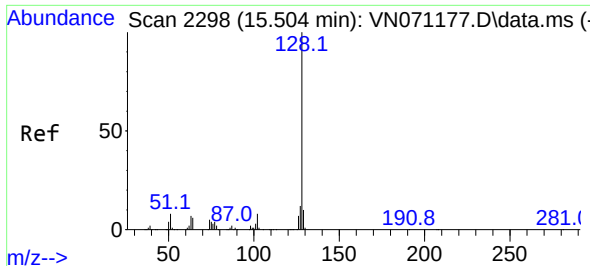


#94
Hexachlorobutadiene
Concen: 21.247 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



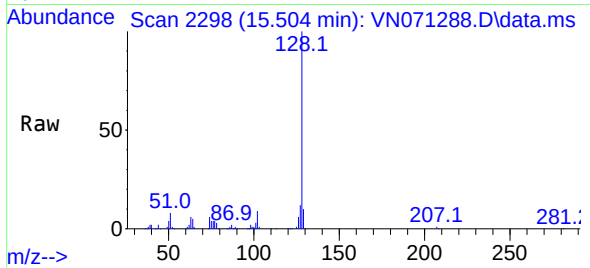
Tgt Ion:225 Resp: 67286
Ion Ratio Lower Upper
225 100
223 62.1 31.9 95.7
227 60.9 32.1 96.3





#95
Naphthalene
Concen: 22.193 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39

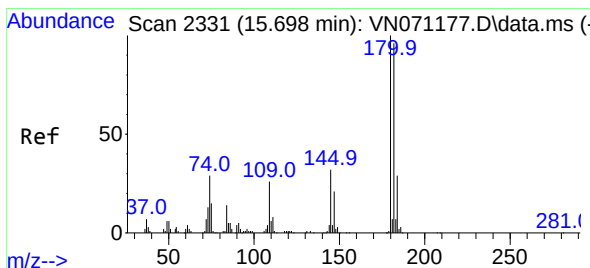
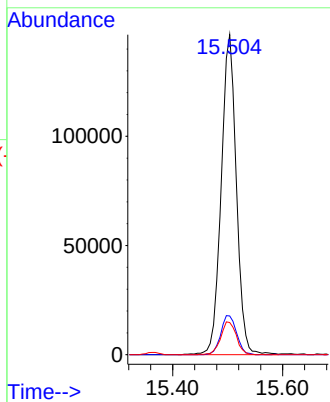
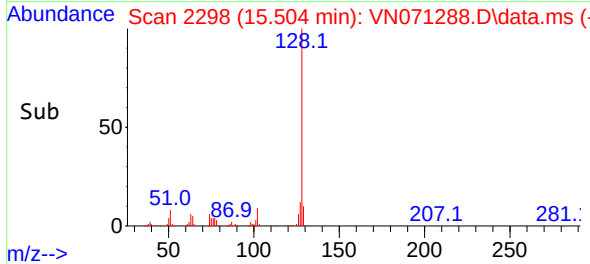
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBS01



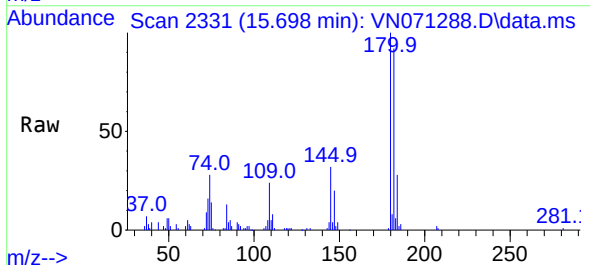
Tgt Ion:128 Resp: 280660
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.244 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071288.D
Acq: 15 Mar 2022 13:39



Tgt Ion:180 Resp: 104102
Ion Ratio Lower Upper
180 100
182 93.8 47.4 142.2
145 32.5 15.0 45.1

